

# DÉTECTION DE SÉCURITÉ



# Table of contents

<b>Détecteurs de traces d'explosifs</b> .....	<b>5</b>
Vehant Technologies .....	5
NanoSniffer™ - Explosives Trace Detector .....	7
CEIA .....	7
EMA series Liquid Explosive Detector .....	9
<b>SSV (Scanner sous véhicule)</b> .....	<b>10</b>
Vehant Technologies .....	10
NuvoScan H .....	12
NuvoScan E .....	13
Nuvo Scan®3D .....	14
DepScan Stereoscopic UVSS (Under Vehicle Scanning) .....	15
<b>Systèmes de radiographie directe</b> .....	<b>17</b>
3DX-RAY .....	17
ThreatScan®-AS2 .....	19
ThreatScan®-LS3 .....	20
ThreatScan®-LS1 .....	22
ThreatScan®-LSC .....	24
ThreatScan®-AS1(ISC) .....	26
Logos Imaging .....	27
SOSTÓS II Flat Panel System 10"x10" .....	29
STENÓS Flat Panel System .....	30
XIRÓS II Flat Panel System .....	31
Ultra Electronics .....	31
PET Cyclotron Facility Stack Monitoring - Lab Impex Systems .....	33
<b>Système de détection mobile</b> .....	<b>34</b>
BSI .....	34
Mobile Radiation Monitor GammaCART .....	36
Astrophysics Inc. ....	36
XIS-MINIVAN - Astrophysics .....	38
XIS-TRAILER - Astrophysics .....	39
XIS-TRUCK - Astrophysics .....	40
<b>Détecteurs portatifs</b> .....	<b>41</b>
CEIA .....	41
PD140N .....	43
PD140E .....	45
PD240 .....	46
PD240CB .....	47
CEIA CMD® Compact Metal Detector .....	48
<b>Inspection aux rayons X</b> .....	<b>49</b>

Vehant Technologies .....	49
Kritiscan® 150180D .....	51
KritiScan® 6040 – Multi-energy X-ray Baggage Scanner .....	52
KritiScan® 180180D .....	53
KritiScan® 100100 LB .....	54
KritiScan® 100100 .....	55
KritiScan® 7555 .....	56
Astrophysics Inc. ....	56
XIS-6040 – Astrophysics .....	60
XIS-6040M – Astrophysics .....	61
XIS-6040N – Astrophysics .....	62
XIS-6040NM – Astrophysics .....	63
XIS-5335S – Astrophysics .....	64
XIS-6040SE (Event Edition) – Astrophysics .....	65
XIS-6545 – Astrophysics .....	66
6545VI – Astrophysics .....	67
VI7 – Astrophysics .....	68
7858VI – Astrophysics .....	69
XIS-1517DV 320kV – Astrophysics .....	70
XIS-1517DV 200kV – Astrophysics .....	71
XIS-1517 320kV – Astrophysics .....	72
XIS-1517 200kV – Astrophysics .....	73
XIS-100XDV-MD – Astrophysics .....	74
XIS-100XDV – Astrophysics .....	75
XIS-100XDX – Astrophysics .....	76
XIS-1818DV 320kV – Astrophysics .....	77
XIS-100XD – Astrophysics .....	78
XIS-100X – Astrophysics .....	79
XIS-1818DV 200kV – Astrophysics .....	80
XIS-1818 320kV – Astrophysics .....	81
XIS-1080D – Astrophysics .....	82
XIS-1080 – Astrophysics .....	83
XIS-7858 – Astrophysics .....	84
XIS-7555R – Astrophysics .....	85
XIS-5878 – Astrophysics .....	86
XIS-6545DV – Astrophysics .....	87
XIS-6040 VI-3D small parcel scanner(Semi-3D) .....	88
XIS-1819 200kV – Astrophysics .....	89
XIS-1818 200kV – Astrophysics .....	90
HXC-320 – Astrophysics .....	91
HXP – Astrophysics .....	92
Multi-View CT System: MVCT Cargo and Pallet Inspection Scanner .....	93
Logos Imaging .....	94
MÓNOS Flat Panel System – Logos Imaging .....	96
ORAMA II Flat Panel System .....	97
NEOS III Flat Panel System .....	98
PRÓTOS Flat Panel System – Logos Imaging .....	99
<b>WTMD .....</b>	<b>100</b>
CEIA .....	100

SMD® 600 Plus-MI2 .....	102
SMD® 601 Plus .....	103
PMD2 Plus .....	104
PMD2 Plus Elliptic® .....	105
PMD2 Plus/EZHD .....	106
SMD® 601 Plus Loss Prevention .....	107
Classic Metal Detector .....	108
CEIA SMD 600 plus .....	109
MSD Magnetic Static Detector - CEIA .....	111
HI-PE Plus Multi-Zone Metal Detector - CEIA .....	112
3DX-RAY .....	113
AXIS™ Archway Détecteurs de métaux .....	115
Walk By Metal Detector .....	117

# DÉTECTEURS DE TRACES D'EXPLOSIFS





## Partner **Vehant Technologies**



Vehant Technologies est un fournisseur leader de solutions avancées de sécurité physique et de surveillance, spécialisé dans les détecteurs de traces d'explosifs (ETD), les systèmes de balayage sous véhicules (UVSS) et les technologies d'inspection par rayons X. Ses systèmes sont conçus pour assurer la protection des infrastructures critiques, la sécurité des transports et la surveillance des installations à haut risque.

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### Product offering

**NanoSniffer™ -  
Explosives Trace  
Detector**



← [Back to partner](#)



Détection de sécurité > Détecteurs de traces d'explosifs

## NanoSniffer™ - Explosives Trace Detector

NanoSniffer is a Microsensor based highly sensitive and selective explosive detector in a portable desktop configuration. It can be used to accurately detect a wide range of military, commercial and homemade explosives threats.

It is an advanced and low-cost explosive detector device that efficiently exploits the physical nature of the explosives during detection. It can be easily used for screening passengers & visitors at airports, train stations, and at access control points of critical infrastructure. It is a first of its kind explosives trace detection system based on nanotechnology.

Nanosniffer Explosive Trace Detectors (ETDs) can detect bombs, drugs, narcotics, and dangerous explosive chemicals such as Nitroglycerin, Ammonium Nitrate, and RDX quickly. Vehant's ETDs can differentiate between military, standard, and homemade explosives and categorize them based on their characteristics using various sampling methods. This system aims to identify and prevent individuals who have come into contact with harmful or potentially illegal substances from accessing restricted areas.





## Partner **CEIA**



CEIA est un leader mondial des technologies de contrôle de sécurité, spécialisé dans les détecteurs de traces d'explosifs (ETD), les détecteurs de métaux portables et les portiques de détection de métaux (WTMD). Ses solutions sont conçues pour offrir une détection des menaces haute performance dans un

large éventail d'environnements de sécurité.

### Product offering

**EMA series Liquid Explosive Detector**



← [Back to partner](#)



## Détection de sécurité > Détecteurs de traces d'explosifs **EMA series Liquid Explosive Detector**

The EMA is a compact device designed for the analysis of liquid containers and their contents with the goal of detecting the possible presence of explosive precursors and explosive liquids.

The content of the bottles is analyzed without the need to open the container as the detection is effected using simultaneous multiple sensing technologies.

The housing of the analyser, which is extremely robust, durable and easy to clean, is made of AISI 304 Stainless Steel and anti-friction plastic.

The Analyser consists of a main body, a control panel and an analysis compartment. In case of open containers such as cups and thermos flasks, it is possible to carry out the analysis by means of the type A integrated analyser (optional), using small disposable plastic sample cups to be inserted into an external probe.



# SSV (SCANNER SOUS VÉHICULE)



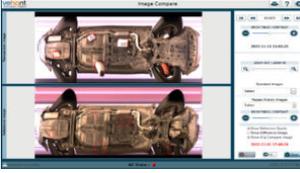


## Partner **Vehant Technologies**



Vehant Technologies est un fournisseur leader de solutions avancées de sécurité physique et de surveillance, spécialisé dans les détecteurs de traces d'explosifs (ETD), les systèmes de balayage sous véhicules (UVSS) et les technologies d'inspection par rayons X. Ses systèmes sont conçus pour assurer la protection des infrastructures critiques, la sécurité des transports et la surveillance des installations à haut risque.

### Product offering

<p><b>NuvoScan H</b></p> 	<p><b>NuvoScan E</b></p> 	<p><b>Nuvo Scan®3D</b></p> 	<p><b>DepScan Stereoscopic UVSS (Under Vehicle Scanning)</b></p> 
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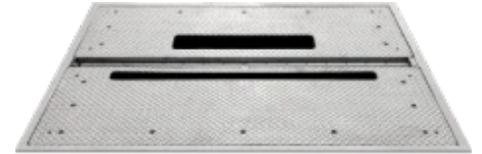
← [Back to partner](#)



Détection de sécurité > **SSV (Scanner sous véhicule)**

## NuvoScan H

NuvoScan (H) is the advanced automated COLOR Under Vehicle Scanning System (UVSS). NuvoScan is based on the latest and highly advanced area scan imaging technology. It uses the combination of high-end electro-mechanical assemblies, cameras, illuminators, and sensors besides NuvoScan's area-by-area image composing software. The visual information captured is synthesized by the system and subsequently produces a high-quality composite underside image of the vehicle to facilitate efficient viewing and detection of any potentially harmful object that may be attached to the underbelly of the vehicle. NuvoScan (H) gives a seamless composite image without distortion, even if vehicle halts completely on top of the UVSS.



### Product Features

- High-resolution composite COLOR image
- Air cleaner mechanism for all-weather operation
- Vehicle entry database & reporting features
- Security password protection
- Easy to install
- CE, ISO certified system
- LED array for better illumination
- All weather-proof IP-67 certified underground enclosures

← [Back to partner](#)



Détection de sécurité > **SSV (Scanner sous véhicule)**

## NuvoScan E

NuvoScan® generates a high-resolution SingleView image using advanced electromechanical components, cameras, illuminators, and sensors. Additionally, NuvoScan™ Area incorporates AreaScan mosaicing software to effectively tackle speed and movement challenges faced by LineScan systems. This innovation guarantees the practicality and reliability of NuvoScan®. Remarkably, NuvoScan® produces a seamless composite image without any distortion, even when a vehicle stops completely on the UVSS platform.



### Product Advantages

- High resolution composite COLOR image
- All weather proof IP-67/68 certified underground enclosures
- Air cleaner mechanism for all weather operation
- Vehicle entry database & reporting features
- Security password protection
- CE,ISO certified system



## Nuvo Scan® 3D

NuvoScan® 3D is an advanced automated 3D viewing Under Vehicle Scanning System, based on the latest dual camera AreaScan imaging technology. It comes packed with some unique algorithms which enhance the user experience manifolds by exploring the 3D aspect of the vehicle's underbelly. In addition to the 3D visualization, one area where the new technology stands out is in bringing forth otherwise hidden or partially occluded objects by showing a dual view of the vehicle, which may not have been the case in the older generation SingleView systems.



### Product Features

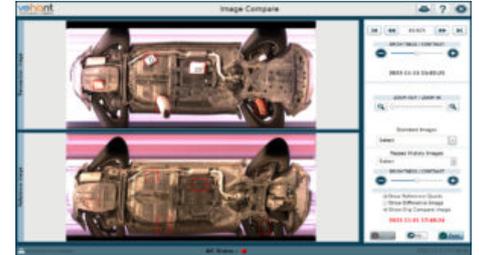
- Dual imaging feature from (3D) left and right view in order to identify any possible threat
- High resolution COLOR left and right composite images of the vehicle's underside
- Novel view generation feature to see real life 3D visualization of the underside
- Hard-to-view/occluded areas can be scanned easily through 3D UVSS system
- Stop and Go image formation doesn't affect the image quality
- Dual LED array for better illumination
- Zoom facility upto 25X of the composite image to facilitate a closer view of niche areas
- Able to compare both (left and right) views with the help of license plate/type database



Détection de sécurité > SSV (Scanner sous véhicule)

## DepScan Stereoscopic UVSS (Under Vehicle Scanning)

Le DepScan UVSS de Vehant est la technologie révolutionnaire de nouvelle génération pour le domaine toujours croissant de la technologie de sécurité avec un meilleur niveau d'efficacité. Grâce à une technologie avancée de vision stéréoscopique, DepScan effectue des comparaisons basées sur la profondeur à l'aide de plusieurs caméras placées côte à côte pour obtenir plusieurs vues différentes du ventre de n'importe quel véhicule. Le système génère un modèle 3D basé sur un nuage de points qui permet d'obtenir les informations de profondeur relative sous la forme d'une carte de disparité.

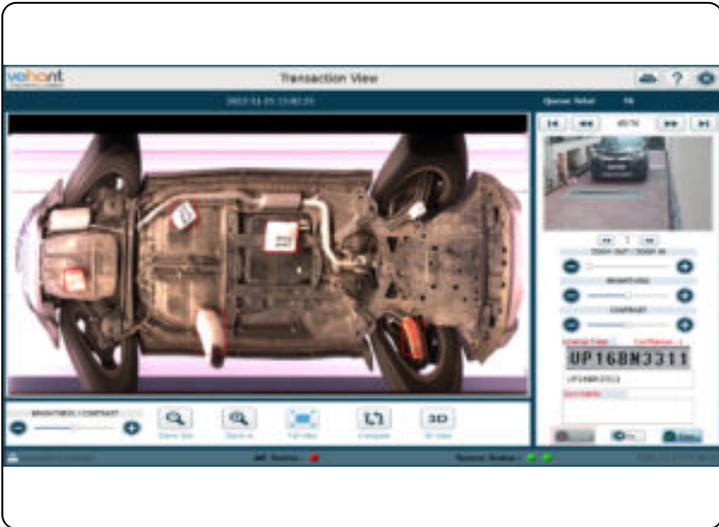
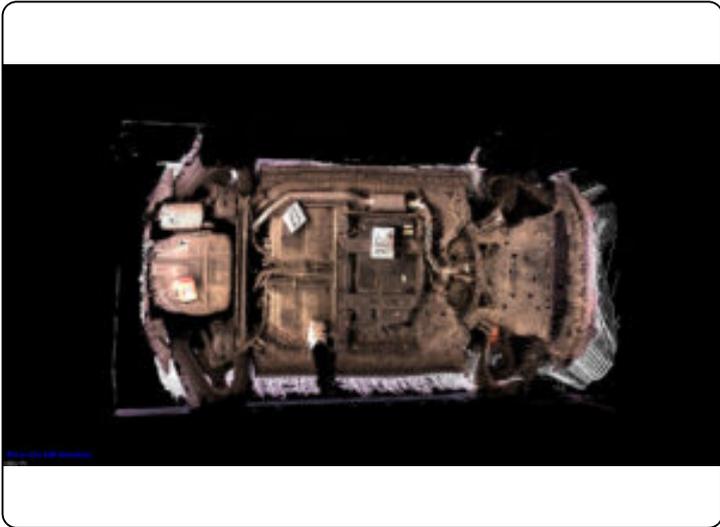
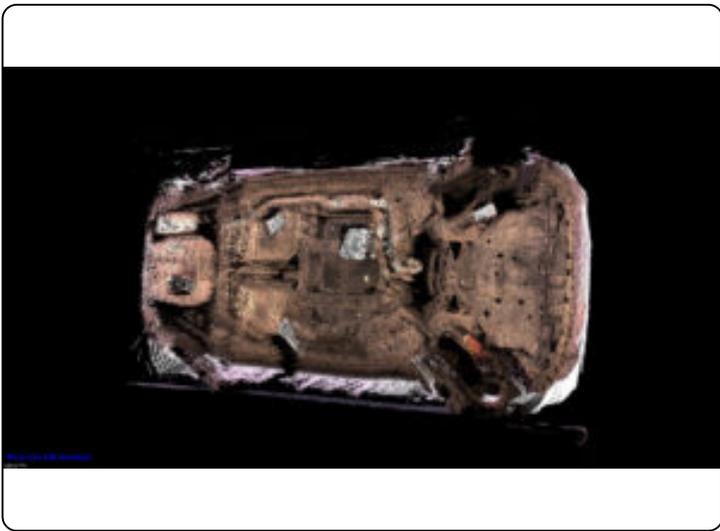
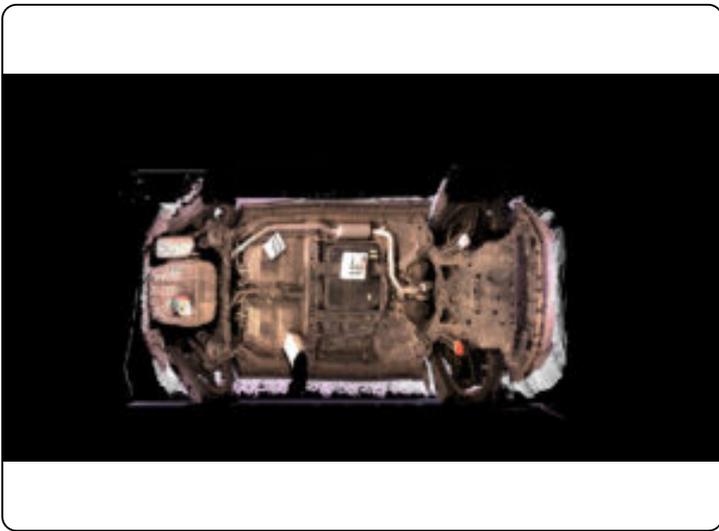


### Principales caractéristiques

- Technologie avancée de stéréovision
- Génère un modèle 3D basé sur un nuage de points
- Donne des informations sur la profondeur relative
- Image COULEUR composite haute résolution
- Améliore le temps d'efficacité des opérateurs
- Base de données d'entrée et fonctionnalités de reporting
- Protection par mot de passe sécurisée

Cette technologie est très similaire à la vision binoculaire humaine. Dans l'UVSS traditionnel, le balayage du ventre comprenait l'inspection de l'axe « x-y », mais dans cette nouvelle technologie avancée, un axe « z » de troisième dimension est également obtenu, ce qui aide à différencier le dessous habituel de tout objet étranger en étudiant la profondeur de l'objet. DepScan est équipé d'une interface graphique avancée et conviviale.





# SYSTEMES DE RADIOGRAPHIE DIRECTE





## Partner **3DX-RAY**



3DX-RAY est un fournisseur de premier plan de technologies avancées d'imagerie et de détection par rayons X, spécialisé dans les systèmes de radiographie directe et les détecteurs de métaux Walk-Through Metal Detectors (WTMD) pour les applications de sécurité et d'inspection. Ses solutions sont conçues pour permettre une détection claire et précise des menaces dans un large éventail d'environnements opérationnels.

### Product offering

**ThreatScan®-AS2**



**ThreatScan®-LS3**



**ThreatScan®-LS1**



**ThreatScan®-LSC**



**ThreatScan®-AS1(ISC)**



← **Back to partner**



## Détection de sécurité > Systèmes de radiographie directe **ThreatScan®-AS2**

The 3DX-RAY ThreatScan®-AS2 is a lightweight portable amorphous silicon x-ray scanning system. It offers high flexibility in deployment to meet the wide variety of user applications and threat scenarios.

Quick and simple to deploy and use, the system produces extremely high quality, sub-millimeter resolution images in real time for rapid and accurate decision making.

The ThreatScan® range is suitable for use in suspect bag and package inspection in locations such as mass transit rail and bus stations, shopping malls, airports, stadia and sports arenas. The system is also used for general security inspection by first responders such as Police, Military and Government Security agencies and Technical surveillance counter measures.



← Back to partner



## Détection de sécurité > Systèmes de radiographie directe ThreatScan®-LS3

### PRODUCT DESCRIPTION

A small but mighty x-ray scanning device, ThreatScan®-LS3, can pierce steel up to 40 mm at 120 kV and up to 60 mm at 150 kV. It is possible to scan standard bags and packages in a single scan thanks to the 305 × 256 mm imaging area. The entire setup tucks neatly into a backpack.



ThreatScan® systems, which are built for quick deployment and simplicity of use, work with the user-friendly and intuitive ThreatSpect software to generate high-quality, sub-millimeter-resolution images.

The ThreatScan®-LS3 is made to enable the operator to obtain precise, excellent photos in a timely and effective manner.

### FEATURES

- Compact, resilient detector panel
- High penetration with sub-millimeter resolution (120 kV or 150 kV generator)
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)







## Détection de sécurité > Systèmes de radiographie directe ThreatScan®-LS1

### PRODUCT DESCRIPTION

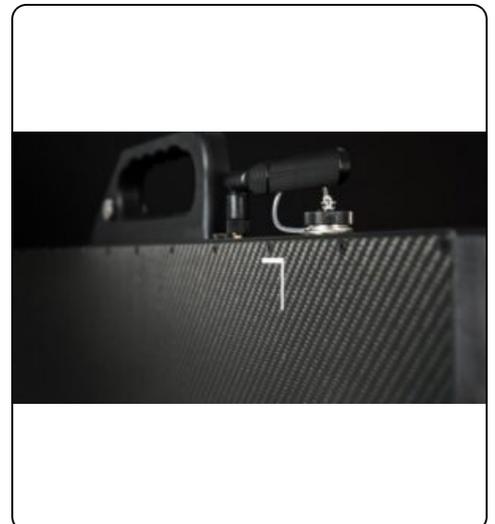
Even though 3DX-RAY's ThreatScan®-LS1 is battery-operated, extremely small, portable, and light, it is a potent large-format x-ray scanning system. The ThreatScan®-LS1's huge 600mm x 460mm image area makes it possible to scan common bags and parcels in a single scan. With 120 kV and 150 kV, respectively, this robust device can pierce up to 40 mm of steel and 60 mm of steel, yielding excellent sub-millimeter resolution images.



At places like airports, retail centers, stadiums, sports arenas, and mass transit rail and bus terminals, ThreatScan®-LS1 is employed for suspicious bag and package inspection. First responders, including the police, military, and commercial and public security agencies, also use the system for general security checks.

### FEATURES

- 120kV or 150kV generator
- High penetration with sub-millimeter resolution
- Large area, resilient detector panel
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)







## Détection de sécurité > Systèmes de radiographie directe

# ThreatScan®-LSC

### PRODUCT DESCRIPTION

Two (2) panels are included in the portable x-ray inspection system 3DX-RAY Threat Scan®-LSC: the large format LS1 panel and the small LS3 panel.

Despite having a huge image area of 600 x 460 mm, the LS1 panel is astonishingly small and light, allowing it to scan standard bags and parcels in a single scan.

With its 305 x 256 mm imaging surface, the LS3 panel is more portable and can be used, for instance, beneath vans or in locations with restricted access to suspicious shipments.

With its strong combination system, steel may be penetrated up to 40 mm at 120 kV and up to 60 mm at 150 kV. It also generates sub-millimeter-resolution photographs of excellent quality.

A small cable set and a backpack are included with the ThreatScan®-LSC system as standard equipment.

In places like stadiums, sports arenas, shopping centers, airports, and mass transit rail and bus terminals, the ThreatScan® range can be used for suspicious bag and package scanning. First responders, including the police, military, and commercial and public security agencies, also use the system for general security checks.



### FEATURES

- Two detector panels are standard.
- Backpack and cable set included
- High penetration with sub-millimeter resolution (120 kV or 150 kV generator)
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans virtually to the floor (3mm above floor level)





## Détection de sécurité > Systèmes de radiographie directe **ThreatScan®-AS1(ISC)**

### Product Description

A reliable portable x-ray inspection device made of amorphous silicon is the 3DX-RAY ThreatScan®-AS1 (ISC). Included in the package are a 43 x 35 cm imaging area detector panel, a new high-penetration 150 kV generator, a laptop with 3DX-RAY ThreatSpect software, a wireless connection, batteries, chargers, and a transport case. The AS1 (ISC) is easy to operate and provides real-time, sub-millimeter resolution photographs of exceptionally high quality.



The main display, computer, communications, and power sources are all combined into one tough, waterproof housing, making the system fully integrated. When it comes to meeting the diverse range of user applications and threat scenarios, a secondary display tablet provides a high degree of deployment flexibility.

ThreatScan®-AS1 (ISC) utilizes a combination of technologies that provide outstanding X-ray imaging capabilities, powerful image processing software, and 3DX-RAY's famous enhanced material discrimination.

In addition to serving the needs of the EOD community, the ThreatScan®-AS1 (ISC) is perfect for inspecting suspicious luggage and parcels at airports, shopping centers, stadiums, and sports arenas. First responders, including the police, military, and commercial and public security agencies, can utilize the system's maximal imaging potential in an integrated, easily deployable system.

### Features

- Amorphous silicon panel
- Fully integrated system
- 150kV generator
- Real-time images
- High penetration with sub-millimeter resolution
- Designed for rapid deployment and ease of use
- Intuitive, user-friendly ThreatSpect software





## Partner **Logos Imaging**



Logos Imaging est un fabricant américain spécialisé dans les systèmes de radiographie numérique (DR) portables adaptés aux applications de sécurité. Ses solutions sont conçues pour fournir une imagerie rapide et haute résolution sur le terrain, prenant en charge des opérations critiques telles que la détection et l'inspection des menaces.

### Product offering

**SOSTÓS II Flat Panel System 10"x10"**



**STENÓS Flat Panel System**



**XIRÓS II Flat Panel System**



← Back to partner



## Détection de sécurité > Systèmes de radiographie directe **SOSTÓS II Flat Panel System 10"x10"**

Logos Imaging's SOSTÓS II system, with the glass-free SOSTÓS II flat imager, is our newest ultra-portable DR imaging system. The SOSTÓS II panel, with near ground-level imaging and 16-bit image clarity, makes it ideally suited for operations where space is limited. At just 2.8 lb and 0.6" thin, this is the smallest and lightest imager offered by Logos Imaging. The versatile SOSTÓS II fits into a custom backpack for easy deployment by a single operator.



Technology	Amorphous Silicon with TFT
Pixel Area	10.1" x 10.1" (258 x 258 mm)
Pixel Resolution	1536 x 1536 pixels
Pixel Size	168 µm
Scintillator	Gadox
AD Conversion	16 bits
Dimensions (Panel Only)	11.14" x 11.14" x 0.6" (283 x 283 x 15 mm)
Weight	Without battery - 2.4 lb (1.1 kg) With battery - 2.8 lb (1.3 kg)
Communications Range	Wireless 150 m with standard antenna Wired 25 m with standard cable reel Additional network options available



## Détection de sécurité > Systèmes de radiographie directe

# STENÓS Flat Panel System

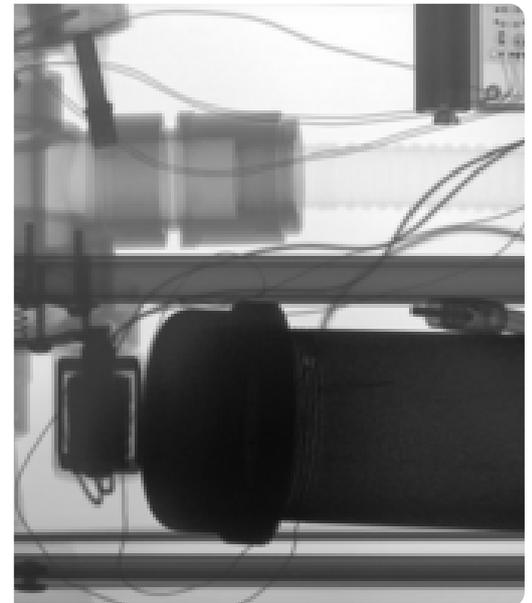
The STENOS Flat Panel System is our lightest, and most rugged large format DR imaging system. We were the first to introduce a glass-free DR imager to the security market with the 6"x8" PRÓTOS, we followed with the 12"x12" XIRÓS, and now the 14"x17" STENÓS with the 3543N panel further continues Logos Imaging's commitment to the leading edge of DR imaging design. The panel also offers the advantages of built in wireless communications and a removable battery that provides six hours of operation for situations where ultra-portability and 400 m wireless communications are desirable.



### Système à écran plat STENÓS

- type de détecteur : silicium amorphe avec TFT
- zone de détection : 350 x 427 mm
- résolution en pixels : 2 560 x 3 072 pixels
- pas de pixel : 140 µm
- scintillateur : Gadox
- profondeur de pixels : 16 bits
- dimensions (panneau uniquement) : (402,5 x 460,0 x 15 mm)  
poids:  
sans batterie 3,5 kg  
avec batterie 3,9 kg
- portée de communication :  
filaire : 15 m à 200 m  
sans fil : 400 m ou jusqu'à 1 600 m avec option sans fil longue portée
- (en utilisant 2,4 GHz)

Si vous souhaitez en savoir plus sur STENÓS, consultez le site Web de notre partenaire.





## Détection de sécurité > Systèmes de radiographie directe **XIRÓS II Flat Panel System**

Le XIRÓS de Logos Imaging est notre système d'imagerie DR petit format le plus récent et le plus robuste. La conception sans verre du panneau XIRÓS 2929N permet les bordures les plus petites du marché, à seulement 3 mm. Le boîtier classé IP67 assure la durabilité du XIRÓS. Idéalement adapté aux opérations EOD à pied, le système sans fil complet XIRÓS dans une configuration sac à dos pèse moins de 9 kg. Le XIRÓS polyvalent avec communication sans fil interne est essentiel pour les utilisateurs qui souhaitent évaluer rapidement un article.



### **Caractéristiques du système à écran plat XIRÓS II**

- type de détecteur : Silicium amorphe avec TFT
- zone de détection : 287 x 287 mm
- résolution en pixels : 2 048 x 2 048 pixels
- pas de pixel : 140 µm
- scintillateur : Gadox
- profondeur de pixels : 16 bits
- dimensions (panneau uniquement) : 320 x 320 x 15 mm, 1,9 kg
- portée de communication : filaire : 25 m à 200 m
- sans fil : 400 m ou jusqu'à 1 600 m avec option sans fil longue portée
- (en utilisant 2,4 GHz)



## Partner **Ultra Electronics**

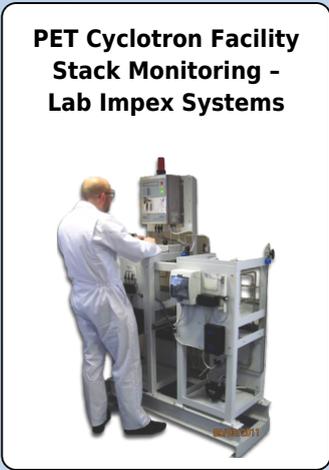


Ultra Electronics acquired Lab Impex Systems on July 17th, 2014. This is a known specialized manufacturer in radiation detection solutions and services for use in the global nuclear industry. Founded in 1976, Laboratory Impex Systems Ltd (LIS) is a leader in designing, developing and manufacturing health physics and radiation protection measurement instrumentation focusing on stack monitoring.

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### Product offering

**PET Cyclotron Facility  
Stack Monitoring -  
Lab Impex Systems**





Détection de sécurité > Systèmes de radiographie directe

## PET Cyclotron Facility Stack Monitoring - Lab Impex Systems

Le système de surveillance des cheminées des installations du cyclotron PET (Lab Impex Systems) fournit une surveillance continue des rejets d'effluents des installations du cyclotron (et d'autres utilisateurs de gaz à positons). Le système bien établi mesure la concentration d'activité des effluents rejetés ainsi que le débit de la cheminée surveillée. Cela permet de calculer le total des effluents radioactifs rejetés dans l'atmosphère.

Un progiciel (9205 PET) fournit un enregistrement complet de toutes les données brutes pouvant être analysées et facilite la production de rapports quotidiens, hebdomadaires, mensuels et annuels standard pour le régulateur.



### Les éléments clés du moniteur de cheminée à gaz LIS Positron sont :

- une station de surveillance continue (CMS PET) qui affiche en permanence une indication en temps réel de la concentration d'activité dans la pile et fournit des alarmes sonores et visuelles locales.
- un détecteur de gaz radioactif (PG-10) qui fournit une mesure précise de la concentration d'activité du gaz positron.
- dispositif de mesure du débit de cheminée qui utilise un Pitot de moyenne et un moniteur de pression différentielle (DP2001) pour mesurer le débit continu et accumulé dans la cheminée de l'installation.

### Fonctionnalités de surveillance de la pile des installations du cyclotron PET :

- conçu pour fournir une réponse rapide à la concentration de gaz positron, le système CMS-PET fournira un affichage de la concentration (Bq/m<sup>3</sup> ou PCi/ml) et du débit volumétrique de la cheminée (m<sup>3</sup>/sec ou CFM).
- le moniteur CMS PET Stack peut être mis en réseau avec un ordinateur du centre de contrôle d'une installation pour la surveillance à distance, l'annonce d'alarme, la collecte de données historiques et la fonction de reporting. Voir le 9205PET pour plus d'informations sur ce package.

En savoir plus sur la surveillance de la pile des installations PET Cyclotron sur le site Web de Lab Impex Systems.

# SYSTÈME DE DÉTECTION MOBILE





## Partner **BSI**



Baltic Scientific Instruments (BSI) is an OEM manufacturer based in Riga, Latvia, dedicated to the development and production of advanced spectrometric and detection equipment. With decades of experience and roots in the former Research Institute for Radioisotope Apparatus (RNIIRP), BSI provides cutting-edge technologies for nuclear power, environmental monitoring, security, medicine, and scientific research.

The company specializes in HPGe, Si, CdZnTe/CdTe, and scintillation detector systems, known for their accuracy, stability, and performance in demanding analytical environments.

Through continuous innovation, strict quality assurance (ISO 9001:2015), and strong international collaboration, BSI supports customers worldwide in achieving precise and reliable radiation measurement and analysis.

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### Product offering

**Mobile Radiation  
Monitor GammaCART**





## Mobile Radiation Monitor GammaCART

### Application

Mobile spectrometric system Mobile Radiation Monitor is designed to measure gamma radiation energy distribution, identify gamma emitting radionuclides, as well as calculate specific and surface activity of gamma emitting radionuclides under conditions of their natural occurrence and at nuclear industry premises. In addition, the system can be used for radiation monitoring, e.g., for examination of large areas, searching lost or stolen gamma radiation sources, study of radionuclide precipitation near radiation hazardous sites without preliminary sampling.



### COMPLETE SET

- Electric vehicle as a mobile platform
- Gamma radiation spectrometer containing:
  - Gamma radiation detector(s);
  - Multichannel channel analyzer Polynom;
- Thermostabilization system (for NaI(Tl) or LaBr<sub>3</sub>(Ce) detectors) containing:
  - Thermostabilizing housing with a built-in heat exchanger
  - Cooling and heating system box;
  - Hoses for circulation of the cooling liquid;
- Navigation system including a external antenna;
- Shockproof toughbook operable in harsh conditions;
- Router with antenna which provides connection between the analyzer, navigation system and toughbook;
- Fixation and positioning system for the detection units;
- Charger for the electric vehicle.



## Partner **Astrophysics Inc.**

 **ASTROPHYSICS™** Astrophysics Inc. propose des systèmes d'inspection par rayons X de pointe qui jouent un rôle essentiel dans la protection des environnements de soins de santé. Leur technologie est utilisée dans les hôpitaux et les établissements médicaux pour détecter les menaces cachées dans les marchandises, les équipements et les déchets entrants, améliorant ainsi la sécurité globale et la conformité réglementaire.

### Product offering

**XIS-MINIVAN -  
Astrophysics**



**XIS-TRAILER -  
Astrophysics**



**XIS-TRUCK -  
Astrophysics**





## Détection de sécurité > Système de détection mobile **XIS-MINIVAN - Astrophysics**

Le XIS-Minivan est le modèle le plus récent de la gamme de produits de criblage mobile de la série XIS, avec une taille de tunnel de 100 cm x 100 cm. Avec un profil de véhicule encore plus petit que le XIS-Van, le XIS-Minivan est la solution de contrôle mobile adaptée aux zones où l'espace est limité, mais où le besoin de sécurité est absolu.



Le véhicule de contrôle mobile XIS-Minivan présente des normes inégalées, notamment un générateur haute puissance de 180 kV, la climatisation et l'éclairage extérieur. Le XIS-Minivan nécessite un temps d'installation minimal et est doté d'un véhicule plus compact doté d'un grand tunnel pour le contrôle d'objets divers dans n'importe quel endroit.

### **Spécifications générales XIS-MINIVAN**

**Taille du tunnel (L x H) :** 100 cm x 100 cm

**Dimensions (L x l x H) :** 604 cm x 202,4 cm x 277 cm

**Générateur de rayons X :** 180 kV, fonctionnant à 165 kV

← **Back to partner**



## Détection de sécurité > Système de détection mobile **XIS-TRAILER - Astrophysics**

La remorque XIS a une taille de tunnel de 100 cm x 100 cm et constitue la solution idéale pour un criblage flexible. Il est doté de murs et d'une toiture en aluminium durable sur une charpente en acier personnalisée. La remorque XIS convient aux applications intérieures et extérieures.



Il est important de noter que ce véhicule de contrôle mobile est le premier de sa catégorie en termes d'équipement standard. La remorque XIS est équipée d'un puissant générateur de 180 kV, de la climatisation, d'un éclairage extérieur et d'une alimentation électrique ininterrompue.

La XIS Trailer offre une solution mobile pour les failles de sécurité et dispose d'installations standard étendues et d'un tunnel élargi pour un contrôle plus diversifié.

### **Spécifications générales REMORQUE XIS**

**Taille du tunnel (L x H) :** 100 cm x 100 cm

**Dimensions (L x l x H) :** 623,8 cm x 228,6 cm x 352,2 cm

**Générateur de rayons X :** 180 kV, fonctionnant à 165 kV



## Détection de sécurité > Système de détection mobile

# XIS-TRUCK - Astrophysics

Avec une ouverture de tunnel de 101,6 cm x 81,4 cm, le XIS-Truck peut contrôler divers colis, bagages et marchandises à la recherche d'explosifs et de contrebande. Le XIS-Truck est conçu pour les événements extérieurs, les points de contrôle frontaliers et divers besoins de contrôle mobile.



Le système à rayons X est intégré sur mesure à un camion Ford F-450 Super Duty doté de la climatisation de cabine, d'un moteur V8 de 6,2 L et du système de sécurité personnelle Ford.

Le XIS-Truck comprend un véhicule haute performance, un système XIS de pointe, une bande transporteuse étendue, des auvents rétractables personnalisés et un support de moniteur intégré pour un contrôle rapide et pratique.

Tous les systèmes d'inspection à rayons X d' Astrophysics sont équipés de diagnostics en temps réel, une fonctionnalité astrophysique unique qui permet aux utilisateurs de surveiller l'état du système. Ce logiciel a été spécialement conçu pour vous faire gagner un temps et de l'argent précieux. Sur demande, Astrophysics pourra également se connecter à votre système et résoudre tout problème à distance.

Une option exclusive d'astrophysique est notre imagerie 6 couleurs, qui permet aux opérateurs de visualiser les objets filtrés en 6 couleurs, chaque couleur correspondant à une plage spécifique de nombres Z atomiques. L'imagerie 6 couleurs permet aux opérateurs d'obtenir une identification optimale des matériaux, ce qui améliore les débits.

### Spécifications générales XIS-TRUCK

**Taille du tunnel (L x H) :** 100 cm x 100 cm

**Dimensions (L x l x H) :** 724 cm x 243,8 cm x 342,3 cm

**Générateur de rayons X :** 180 kV, fonctionnant à 165 kV

# DÉTECTEURS PORTATIFS





## Partner **CEIA**



CEIA est un leader mondial des technologies de contrôle de sécurité, spécialisé dans les détecteurs de traces d'explosifs (ETD), les détecteurs de métaux portables et les portiques de détection de métaux (WTMD). Ses solutions sont conçues pour offrir une détection des menaces haute performance dans un large éventail d'environnements de sécurité.

### Product offering

**PD140N**



**PD140E**



**PD240**



**PD240CB**



**CEIA CMD® Compact Metal Detector**





## PD140N

CEIA's PD140N is a hand-held metal detector that combines high reliability and ergonomics with advanced detection and operator signalling features. Effective sensitivity to all metals, full compliance with the latest security standards and high immunity to external metal masses are among the main peculiarities of this new device.



### Compact hand-held metal detection set

The PD140N features a special ergonomic design consisting of an offset hand grip which ensures that the operator's hand does not interfere with the sensitive detection area. This means fewer scans per person and therefore shorter inspection times per person.

Special care has gone into the mechanical design of the detector. Absence of sharp edges or corners allows the detector to be passed smoothly over the inspected area without getting caught in buttons, buckles, folds or other parts of clothing.



### Areas of application

- Public events
- Stadiums and sport arenas
- Conventions
- Multiple lane screening



### Characteristics

- NIJ Standard - 0602.02 compliant
- Compact, elegant, robust and ergonomic
- Detection of magnetic and non-magnetic targets
- Full digital design: calibration-free operations
- Extended continuous operation time
- Advanced configuration capability
- Indoor and outdoor operations



## **Advantages**

- Programmable Sensitivity
- Extended continuous operation Time
- Automatic low power mode during screening pauses
- Embedded long life rechargeable batteries  
are renewable energy and eliminate the operation cost of alkaline batteries
- Embedded fast and reliable battery charger: no need of batteries removal
- Dedicated holder acts as minimum space table stand and mains connection for battery charge
- Operator functions can be standard or customized by the user through PC GUI and USB connection

## **PD140N: fully digital and maximum flexibility**

The PD140N is fully digital. Electronic functions include an inspection field transmitter-receiver based on Digital Signal Processing (DSP) technology, a digital operator interface and external communications over the incorporated USB port. This design combined with a special printed antenna ensures top reliability and very high repeatability.

The digital design of the new metal detector also enables the maximum flexibility in selecting the functions available to the user and how detection alarms are signalled. Users can keep the factory settings or connect the detector over its USB to a PC and then personalize the settings with a dedicated graphic interface (HMD configuration tool required)



Détection de sécurité › Détecteurs portatifs

## PD140E

The PD140E features a special ergonomic design consisting of an offset hand grip which ensures that the operator's hand does not interfere with the sensitive detection area. This means fewer scans per person and therefore shorter inspection times per person. Special care has gone into the mechanical design of the detector. Absence of sharp edges or corners allows the detector to be passed smoothly over the inspected area without getting caught in buttons, buckles, folds or other parts of clothing.

The technical features of the detector comply with the NIJ standard 0602.02 and the new NIJ draft standard 0602.03. The PD140E has uniform sensitivity to magnetic and non-magnetic targets including those made of stainless steel. At the same time the detector offers excellent body-effect compensation and has high immunity to external disturbance from electromagnetic and mechanical sources.

The PD140E is fully digital. Electronic functions include an inspection field transmitter-receiver based on Digital Signal Processing (DSP) technology. This design, combined with a special printed antenna, ensures consistent performance, very high reliability and calibration-free operations





Détection de sécurité > Détecteurs portatifs

## PD240

The PD240 features a wide detection area for faster and more accurate screening operations. The PD240 combines CEIA's signature high reliability with advanced detection and operator signalling features, including a high immunity to floor rebars for lower body screening without sensitivity reduction. The PD240 offers full compliance with the latest NIJ security standards, indoor and outdoor use, as well as up to 100 hours of continuous operation on a single charge of its long life rechargeable batteries and embedded fast and reliable battery charger.



### Advantages & benefits

- Programmable Sensitivity
- Long Detection Range
- Extended Continuous Operation Time
- Automatic Low Power Mode during Screening Pauses
- Embedded Long Life Rechargeable Batteries are renewable energy and eliminate the Operation Cost of Alkaline Batteries
- Embedded Fast and Reliable Battery Charger: no need for removal of batteries
- Dedicated Docking Station acts as Table Stand and Mains connection for Battery Charge
- Operator Functions can be standard or customized by the user through PC GUI and USB connection



Détection de sécurité > Détecteurs portatifs

## PD240CB

The PD240CB is a Hand Held Metal Detector that combines high reliability and ergonomics with advanced detection and operator signalling features. Long detection range for weapons and minimum metal targets, effective sensitivity to all alloys, exceeds the latest Security Standards and has high immunity to external metal masses.

### Advantages & Benefits

- Programmable Sensitivity
- Long Detection Range
- Extended Continuous Operation Time
- Automatic Low Power Mode during Screening Pauses
- Embedded Long Life Rechargeable Batteries are renewable energy and eliminate the Operation Cost of Alkaline Batteries
- Embedded Fast and Reliable Battery Charger: no need for removal of batteries
- Dedicated Docking Station acts as Table Stand and Mains connection for Battery Charge
- Operator Functions can be standard or customized by the user through PC GUI and USB connection



← **Back to partner**



**Détection de sécurité > Détecteurs portatifs**

## **CEIA CMD® Compact Metal Detector**

The CEIA CMD® is a very high performance, high-sensitivity Compact Metal Detector designed to detect metal and minimum-metal content targets in all types of terrain. Pinpointing of the metal objects is aided by an evolved system of acoustic modulation and an LED bar indicator, which allow the position of the detected mass to be established with a high degree of precision. The detector is manufactured in compliance with the ISO-9001 standard and has been designed to satisfy the most stringent operational requirements in any application field.

The Metal Detector comprises a search head, a control unit, a telescopic pole and an elbow support all jointed together in a one-piece design.

The detection head is light and the wiring is designed to be protected from any possible damage.

The compact, highly-portable design allows immediate operational status and ease of transport.

The CEIA CMD® incorporates a rapid battery charger (3 hours max.) powered by an electrical mains adapter or via the cigar lighter socket found in vehicles.

Intentionally designed to be used easily and comfortably in every working condition, the CEIA CMD® can be set up for operation in less than twenty seconds.

The equipment stands out due to its compact design, light weight, operational performance and reliability.

The telescopic pole length can be adjusted for use when standing, kneeling or in the prone position.



# INSPECTION AUX RAYONS X





## Partner **Vehant Technologies**



Vehant Technologies est un fournisseur leader de solutions avancées de sécurité physique et de surveillance, spécialisé dans les détecteurs de traces d'explosifs (ETD), les systèmes de balayage sous véhicules (UVSS) et les technologies d'inspection par rayons X. Ses systèmes sont conçus pour assurer la protection des infrastructures critiques, la sécurité des transports et la surveillance des installations à haut risque.

### Product offering

**Kritiscan® 150180D**



**KritiScan® 6040 - Multi-energy X-ray Baggage Scanner**



**KritiScan® 180180D**



**KritiScan® 100100 LB**



**KritiScan® 100100**



**KritiScan® 7555**



← [Back to partner](#)



Détection de sécurité › Inspection aux rayons X

## Kritiscan® 150180D

The advanced Dual Energy X-Ray Cargo scanner features a tunnel size of 1560 mm (W) by 1860 mm (H) and provides dual horizontal and vertical views of the scanned objects, enhancing the detection of contraband items. This scanner is well-suited for use in airports, warehouses, customs, railways, and ports, offering a non-intrusive method for inspecting cargo. It facilitates the quick identification of potential risks or anomalies, ultimately reducing the time required to clear goods with customs for compliant traders and importers.



### Salient Features

- Atomic number based material discrimination
- Self-diagnosis feature
- High density alert feature
- Radiation safe as per International standards
- Horizontal & Vertical view of scanned objects
- Distortion correction through software

### Optional Features

- Threat Image Projection (TIP)
- Network Supervisory Workstation
- (NSW) Video management

[← Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## KritiScan® 6040 - Multi-energy X-ray Baggage Scanner

KritiScan 6040 is the Multi-energy X-ray baggage scanner designed and developed by Vehant Technologies with Tunnel size - 600 mm (W) X 400 mm (H). It is a compact X-ray baggage scanning system ideal for checkpoints and small baggage scanning at high security premises such as Airports, Government offices, Railways, MRTS and other baggage scanning applications. KritiScan offers numerous optional features such as Threat Image Projection (TIP), Network Supervisory Workstation (NSW) & Video management for effective operation.



← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## KritiScan® 180180D

The advanced Dual Energy X-Ray Cargo scanner features a tunnel size of 1850 mm (W) by 1850 mm (H) and provides dual horizontal and vertical views of the scanned objects, enhancing the detection of contraband items. This scanner is well-suited for use in airports, warehouses, customs, railways, and ports, offering a non-intrusive method for inspecting cargo. It facilitates the quick identification of potential risks or anomalies, ultimately reducing the time required to clear goods with customs for compliant traders and importers.



### Salient Features

- Atomic number based material discrimination
- Self-diagnosis feature
- High density alert feature
- Radiation safe as per International standards
- Horizontal & Vertical view of scanned objects
- Distortion correction through software

### Optional Features

- Threat Image Projection (TIP)
- Network Supervisory Workstation
- (NSW) Video management

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## KritiScan® 100100 LB

KritiScan® 100100 LB, is a multi-energy X-ray baggage scanner manufactured by Vehant Technologies with a tunnel size of 1000 (W) mm X 1000 (H) mm. KritiScan® is an ideal X-ray baggage scanning system for checkpoints and small baggage scanning requirements at high-security premises such as Airports, Government offices, Railways, MRTS, and other premises checkpoint applications. KritiScan® X-ray baggage scanner has been certified by AERB India in terms of mechanical, electrical, and radiation hazards. It comes with additional features such as Threat Image Projection, Central superior console, and Video management for effective operation.



### Product Features

- Atomic number based material discrimination
- Distortion correction through software
- Dual energy based virtual imaging
- High accuracy of detection
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display & archival
- Threat Image Projection

← **Back to partner**



**Détection de sécurité > Inspection aux rayons X**

## **KritiScan® 100100**

KritiScan® 100100 is a multi-energy X-ray baggage scanner manufactured by Vehant Technologies with a tunnel size of 1000 (W) mm X 1000 (H) mm. KritiScan® is an ideal X-ray baggage scanning system for checkpoints and small baggage scanning requirements at high-security premises such as Airports, Government offices, Railways, MRTS, and other premises checkpoint applications. KritiScan® X-ray baggage scanner has been certified by AERB India in terms of mechanical, electrical, and radiation hazards. It comes with additional features such as Threat Image Projection, Central superior console, and Video management for effective operation.



### **Product Features**

- Atomic number based material discrimination
- Distortion correction through software
- Dual energy based virtual imaging
- High accuracy of detection
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display & archival
- Threat Image Projection

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **KritiScan® 7555**

KritiScan® 7555 is designed for security checkpoints and locations requiring small baggage scanning, such as Airports, Government offices, Railways, MRTS, and other checkpoint applications. This X-ray baggage scanner is certified by AERB India for mechanical, electrical, and radiation safety. It also includes features like Threat Image Projection, Central superior console, and Video management for efficient operation.



### **Salient Features**

- Atomic number based material discrimination
- Distortion correction through software
- High accuracy with computer vision technology
- High penetration feature
- Lockable console table
- Radiation safe as per AERB
- Self-diagnosis
- Sophisticated image capture, display and archival
- Threat Image Projection



## Partner **Astrophysics Inc.**

 **ASTROPHYSICS™** Astrophysics Inc. propose des systèmes d'inspection par rayons X de pointe qui jouent un rôle essentiel dans la protection des environnements de soins de santé. Leur technologie est utilisée dans les hôpitaux et les établissements médicaux pour détecter les menaces cachées dans les marchandises, les équipements et les déchets entrants, améliorant ainsi la sécurité globale et la conformité réglementaire.

### Product offering

**XIS-6040 -  
Astrophysics**



**XIS-6040M -  
Astrophysics**



**XIS-6040N -  
Astrophysics**



**XIS-6040NM -  
Astrophysics**



**XIS-5335S -  
Astrophysics**



**XIS-6040SE (Event  
Edition) -  
Astrophysics**



**XIS-6545 -  
Astrophysics**



**6545VI - Astrophysics**



**VI7 - Astrophysics**



**7858VI - Astrophysics**



**XIS-1517DV 320kV -  
Astrophysics**



**XIS-1517DV 200kV -  
Astrophysics**



**XIS-1517 320kV -  
Astrophysics**



**XIS-1517 200kV -  
Astrophysics**



**XIS-100XDV-MD -  
Astrophysics**



**XIS-100XDV -  
Astrophysics**



**XIS-100DX -  
Astrophysics**



**XIS-1818DV 320kV -  
Astrophysics**



**XIS-100XD -  
Astrophysics**



**XIS-100X -  
Astrophysics**



**XIS-1818DV 200kV -  
Astrophysics**



**XIS-1818 320kV -  
Astrophysics**



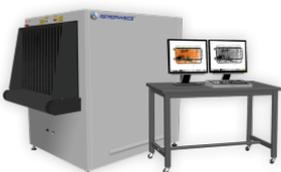
**XIS-1080D -  
Astrophysics**



**XIS-1080 -  
Astrophysics**



**XIS-7858 -  
Astrophysics**



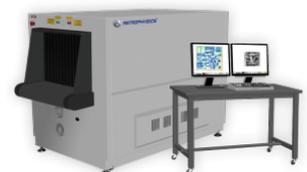
**XIS-7555R -  
Astrophysics**



**XIS-5878 -  
Astrophysics**



**XIS-6545DV -  
Astrophysics**



**XIS-6040 VI-3D small  
parcel  
scanner(Semi-3D)**



**XIS-1819 200kV -  
Astrophysics**



**XIS-1818 200kV -  
Astrophysics**



**HXC-320 -  
Astrophysics**



**HXP - Astrophysics**



**Multi-View CT  
System: MVCT Cargo  
and Pallet Inspection  
Scanner**



← **Back to partner**



**Détection de sécurité > Inspection aux rayons X**

## **XIS-6040 - Astrophysics**

Le système d'inspection à rayons X XIS-6040 comporte une ouverture de tunnel de 60 x 40 cm. Le XIS-6040 offre une conception compacte avec des dimensions accrues pour une plus large gamme de placements et une capacité de criblage étendue. Le XIS-6040 est idéal pour le contrôle des petits colis et des points de contrôle.



Le XIS-6040 a trouvé son emplacement dans des hôtels, des prisons, des sites gouvernementaux et des centres de transport. Avec son petit châssis, le XIS-6040 conserve une grande mobilité, mais avec une taille de tunnel plus large pour des applications variées.

Doté d'un puissant générateur de 160 kV, le XIS-6040 fournit des images nettes et haute résolution grâce à son logiciel avancé et à sa technologie de traitement supérieure.

### **Spécifications générales**

**taille du tunnel (L x H) :** 60 cm x 40 cm

**dimensions (L x l x H) :** 142 cm x 84,9 cm x 125,5 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV

Vous cherchez une solution à votre problème de sécurité ?

← Back to partner



## Détection de sécurité > Inspection aux rayons X **XIS-6040M - Astrophysics**

Le XIS-6040M (Mobile) est un système d'inspection à rayons X avec des dimensions de tunnel de 60 x 40 cm. Le XIS-6040M est spécialement conçu pour un déplacement interne facile dans les prisons, les navires, les banques, les palais de justice, les installations gouvernementales et autres points de contrôle de haute sécurité où un déploiement rapide et un fonctionnement rapide du système sont essentiels.



Le système d'inspection à rayons X XIS-6040M est doté de roues pneumatiques robustes, de barres de poignée en acier inoxydable et d'un panneau de commande verrouillable qui se replie parfaitement dans le système lorsqu'il n'est pas utilisé.

Le XIS-6040M comprend un puissant générateur de 160 kV et une conception qui permet des manœuvres rapides pour une solution de contrôle immédiate.

### **Spécifications générales XIS-6040M**

**taille du tunnel (L x H) :** 60 cm x 40 cm

**dimensions (L x l x H) :** 142 cm x 84,9 cm x 136,7 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV



## Détection de sécurité > Inspection aux rayons X

# XIS-6040N - Astrophysics

Le système d'inspection à rayons X XIS-6040N présente une ouverture de tunnel de 60 cm x 40 cm. Le XIS-6040N offre une conception compacte avec des dimensions accrues pour une plus large gamme de placements et une capacité de criblage étendue. Le XIS-6040N est légèrement plus étroit que notre XIS-6040 et est idéal pour le contrôle des petits colis et des points de contrôle.



Le XIS-6040N a été placé dans des hôtels, des prisons, des sites gouvernementaux et des centres de transport. Avec son petit châssis, le XIS-6040N conserve une grande mobilité, mais avec une taille de tunnel plus large pour des applications variées.

Doté d'un puissant générateur de 160 kV, le XIS-6040N fournit des images nettes et haute résolution grâce à son logiciel avancé et à sa technologie de traitement supérieure.

Tous les systèmes d'inspection à rayons X d'Astrophysics sont équipés de diagnostics en temps réel, une fonctionnalité astrophysique unique qui permet aux utilisateurs de surveiller l'état du système. Ce logiciel a été spécialement conçu pour vous faire gagner un temps et de l'argent précieux. Sur demande, Astrophysics pourra également se connecter à votre système et résoudre tout problème à distance.

Une option exclusive d'astrophysique est notre imagerie 6 couleurs, qui permet aux opérateurs de visualiser les objets filtrés en 6 couleurs, chaque couleur correspondant à une plage spécifique de nombres Z atomiques. L'imagerie 6 couleurs permet aux opérateurs d'obtenir une identification optimale des matériaux, ce qui améliore le débit.

### Spécifications générales XIS-6040N

**taille du tunnel (L x H) :** 60 cm x 40 cm

**dimensions (L x l x H) :** 141,2 cm x 80,9 cm x 124,5 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV



## Détection de sécurité > Inspection aux rayons X **XIS-6040NM - Astrophysics**

Le système d'inspection à rayons X XIS-6040NM (mobile) comporte une ouverture de tunnel de 60 cm x 40 cm. Le XIS-6040NM offre une conception mobile étroite pour un déplacement interne facile dans des couloirs et des espaces plus restreints. Le XIS-6040NM est idéal pour le contrôle des petits colis et des points de contrôle.



Le XIS-6040NM a été placé dans des hôtels, des prisons, des sites gouvernementaux et des centres de transport. Avec son petit châssis, le XIS-6040NM conserve une grande mobilité, mais avec une taille de tunnel plus large pour des applications variées.

Doté d'un puissant générateur de 160 kV, le XIS-6040NM fournit des images nettes et haute résolution grâce à son logiciel avancé et à sa technologie de traitement supérieure.

Tous les systèmes d'inspection à rayons X d'Astrophysics sont équipés de diagnostics en temps réel, une fonctionnalité astrophysique unique qui permet aux utilisateurs de surveiller l'état du système. Ce logiciel a été spécialement conçu pour vous faire gagner un temps et de l'argent précieux. Sur demande, Astrophysics pourra également se connecter à votre système et résoudre tout problème à distance.

Une option exclusive d'astrophysique est notre imagerie 6 couleurs, qui permet aux opérateurs de visualiser les objets filtrés en 6 couleurs, chaque couleur correspondant à une plage spécifique de nombres Z atomiques. L'imagerie 6 couleurs permet aux opérateurs d'obtenir une identification optimale des matériaux, ce qui améliore le débit.

### **Spécifications générales XIS-6040NM**

**taille du tunnel (L x H) :** 60 cm x 40 cm

**dimensions (L x l x H) :** 141,2 cm x 80,9 cm x 133,7 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV

← **Back to partner**



**Détection de sécurité > Inspection aux rayons X**

## **XIS-5335S - Astrophysics**

Le XIS-5335S est un système d'inspection à rayons X petit mais puissant avec une taille de tunnel de 53,3 x 35,4 cm. Le XIS-5335S est le système idéal pour contrôler des objets à petite échelle avec une pénétration accrue, révélant des explosifs liquides, des EEI, des produits de contrebande, des stupéfiants et des armes.



Le système est équipé d'un générateur haute énergie de 160 kV qui offre une qualité d'image avancée et une pénétration inégalée. De même, avec un encombrement si réduit, le XIS-5335S peut passer à travers la plupart des portes et ascenseurs pour un déplacement et une installation rapides.

Le XIS-5335S a été installé dans des installations gouvernementales, notamment des ambassades, des palais de justice et des écoles, ainsi que dans des salles de courrier d'entreprise, des banques, des hôtels et des centres médicaux.

### **Spécifications générales**

**taille du tunnel (L x H) :** 53,3 cm x 35,4 cm

**dimensions (L x l x H) :** 132 cm x 76,2 cm x 123 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV

Vous cherchez une solution à votre problème de sécurité ?

← Back to partner



Détection de sécurité > Inspection aux rayons X

## XIS-6040SE (Event Edition) - Astrophysics

The XIS-6040SE (Event Edition) is specially designed for immediate use and optimal ease of use. The baggage scanner is ready for use within a few minutes. This makes this X-ray baggage scanner optimal for use in events such as festivals, congresses and other places where direct employability is important.



The X-Ray Inspection System features a tunnel opening of 60.0 cm x 40.0 cm (23.6" x 15.7"). The XIS-6040SE offers a compact design with increased dimensions for a wider range of placement and expanded screening capability. The XIS-6040SE is ideal for both small parcel and checkpoint screening. The datasheet is not available at the moment. Do you want further information? Please contact PEO security and we will provide you the latest details.

### Product highlights

- Enhanced Imaging™ (EI) Software
- Compact footprint
- Mobility package for easy relocation
- Spill-resistant conveyor belt
- High-resolution images with 24-bit color
- Enhanced material discrimination
- Windows Operating System with Intel® Core™ Processor
- Real-time diagnostics
- High-contrast image analysis



← Back to partner



Détection de sécurité > Inspection aux rayons X

## XIS-6545 - Astrophysics

Le XIS-6545 est le système d'inspection à rayons X ultime avec une ouverture de tunnel de 65,1 x 45,4 cm. Conçu pour les objets de petite et moyenne taille, le XIS-6545 est le premier produit jamais fabriqué par Astrophysics et se caractérise par sa fiabilité, ses dimensions optimales et sa détection efficace des menaces.



Le système d'inspection à rayons X XIS-6545 offre une gamme d'applications diversifiée allant des palais de justice, des prisons, des hôpitaux et des points de contrôle des aéroports. Avec un générateur standard de 160 kV, le XIS-6545 est également disponible pour une mise à niveau vers un générateur de 180 kV pour une pénétration améliorée.

Parmi les unités XIS les plus couramment vendues, il s'agit d'un système de point de contrôle de qualité doté du logiciel XIS supérieur d' Astrophysics et d'un débit maximisé.

### Spécifications générales XIS-6545

**taille du tunnel (L x H) :** 65,1 cm x 45,4 cm

**dimensions (L x l x H) :** 216,4 cm x 87,3 cm x 131,6 cm

**Générateur de rayons X :** 160 kV, fonctionnant à 150 kV



## Détection de sécurité > Inspection aux rayons X

# 6545VI - Astrophysics

Le 6545VI est sans aucun doute le système haute performance de sa catégorie. Le 6545VI dispose d'un cadre amélioré avec des accents en acier inoxydable, des extensions de tunnel et des panneaux faciles à entretenir, ainsi qu'un support de moniteur mobile pour une nouvelle esthétique élégante.



Avec un logiciel VI avancé, deux moniteurs sans gigue de 22 pouces et un générateur de 180 kV, le 6545VI génère des images haute définition avec une clarté et une pénétration inégalées. Cette technologie augmente la fiabilité du dépistage et optimise la précision et le débit de détection.

Le scanner à rayons X 6545VI intègre une détection avancée des menaces, une interface conviviale, une mobilité et une conception inspirée pour un système global de haute qualité.

## Générateur de rayons X

Tension : 180 kV, fonctionnant à 165 kV

## Ordinateur

processeur : Intel® Core i7 2,93 GHz, 8 Mo de cache

mémoire : 4 Go de RAM à 1333 MHz

plateforme : Windows® 7

sauvegarde : alimentation électrique ininterrompue (fonctionnement complet du système - 3 min)

## Moniteur

Type d'affichage : deux moniteurs couleur LCD 22 pouces (sans gigue)

## Spécifications générales 6545VI

taille du tunnel (L x H) : 65,1 cm x 45,4 cm

dimensions (L x l x H) : 217,2 cm x 95,2 cm x 131 cm

Générateur de rayons X : 180 kV, fonctionnant à 165 kV



## VI7 - Astrophysics

With a tunnel opening of 62.1 cm x 41.7 cm (W x H) and a single 180kV generator, the VI7 generates a series of 7 high quality images of the screened object, each showcasing a different angle.



The VI7 features a display that rotates through 7 views, each showing the same bag from a distinctive, unique vantage point. It therefore enhances the operator's 3D awareness and overall depth perception. Items that may have been hidden in one view become clearly visible in another.

The VI7 "surround view" technology successfully heightens the operator's image interpretation and object identification while speeding throughput and reducing the need for a secondary search.

Developed with funding from the DHS Science and Technology Directorate, under technical direction of the Transportation Security Laboratory Human Factors Program.

### General Specifications VI7

- **Tunnel Size (W x H):** 62.1 cm x 41.7 cm
- **Dimensions (L x W x H):** 274.0 cm x 120.0 cm x 153.3 cm
- **X-ray Generator:** 180kV, Operating at 165kV



## Détection de sécurité > Inspection aux rayons X

# 7858VI - Astrophysics

The 7858VI combines the VI Series performance with a larger screening capacity. The 7858VI has a dynamic look with a stainless steel frame panels and a Mobile Monitor Stand, complimented by an impressive suite of software and hardware advancements for unrivaled image manipulation and quality.

With its ideal design, the 7858VI maximizes baggage and small parcel screening with a minimized system profile. Matched with VI Series technology and a standard 180 kV generator, the 7858VI boasts heightened material identification and increased throughput. The 7858VI is your solution to sleek screening of larger objects with fast and accurate threat detection.



### X-Ray Generator

- voltage: 180kV, Operating at 165kV

### Computer

- processor: Intel Core i7 2.93 GHz 8MB cache
- memory: 4 GB RAM at 1333 MHz
- platform: Windows 7
- backup: uninterrupted power supply (full system operation- 3 min)

### Monitor

- display type: dual 22" LCD color monitors (jitter free)

### General Specifications

- **tunnel size (W x )H:** 77.5 cm x 58.3 cm cm
- **dimensions (L x W x H):** 188 cm x 103 cm x 139.4 cm
- **X-ray generator:** 180kV, operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-1517DV 320kV - Astrophysics

The XIS-1517DV 320kV is an advanced X-Ray Inspection System with a tunnel opening of 152.4 cm x 170.2 cm. The XIS-1517DV 320kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration. The XIS-1517DV 320kV was specifically designed for in-depth screening clarity of customs and military cargo.



The XIS-1517DV 320kV has a low conveyor height of just 35.6 cm and can support 3000 kg of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1517DV 320kV is a quality XIS unit that offers the most cutting edge technology in cargo security.

All Astrophysics X-ray Inspection Systems are equipped with Real-Time Diagnostics, a unique Astrophysics feature which allows users to monitor system health. This software was specifically engineered to save you valuable time and money. If requested, Astrophysics would also be able to connect to your system and troubleshoot any issues remotely.

An exclusive Astrophysics option is our 6 Color Imaging, which enables operators to view screened objects in 6 colors, each color correlating to a specific range of Atomic Z-Numbers. 6 Color Imaging enables operators to achieve optimal material identification which improves throughputs.

### General Specifications XIS-1517DV 320kV

- **Tunnel Size (W x H):** 152.4 cm x 170.6 cm
- **Dimensions (L x W x H):** 1116.4 cm x 281.3 cm x 304.8 cm
- **X-ray Generator:** 320kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-1517DV 200kV - Astrophysics

The XIS-1517DV 200kV is an advanced X-Ray Inspection System with a tunnel opening of 150 x 170.2 cm. The XIS-1517DV 200kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration.



The XIS-1517DV 200kV advanced x ray inspection system was specifically designed for in-depth screening clarity of customs and military cargo.

It has a low conveyor height of just 38.3 cm and can support 2000 kg (4410 lbs) of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1517DV 200kV is a quality XIS unit that offers the most cutting edge technology in cargo security. \*Also available with a generator output of 180kV or 320kV.

### General Specifications XIS-1517DV 200kV

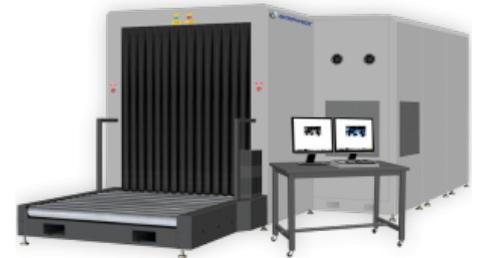
- **Tunnel Size (W x H):** 150 cm x 170.2 cm
- **Dimensions (L x W x H):** 792.2 cm x 259.1 cm x 286 cm
- **X-ray Generator:** Dual 200kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-1517 320kV - Astrophysics**

The XIS-1517 320kV is a high penetration X-Ray Inspection System with a tunnel opening of 150.9 x 170.6 cm. It utilizes advanced imaging technology and high powered generators for heightened image screening. The XIS-1517 320kV was specifically designed for in-depth screening clarity of customs and military cargo.



The XIS-1517 320kV has a low conveyor height of just 40 cm and can support 2000 kg of cargo without compromising throughput, adding to the efficiency and security of any facility or transport hub.

The XIS-1517 320kV high penetration x ray is a quality XIS unit that offers the most cutting edge technology in cargo security.

### **General Specifications XIS-1517 320kV**

- **Tunnel Size (W x H):** 150.9 cm x 170.6 cm
- **Dimensions (L x W x H):** 1095.6 cm x 278.8 cm x 292 cm
- **X-ray Generator:** 320kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-1517 200kV - Astrophysics**

The XIS-1517 200kV is the premier heavy duty X-Ray Inspection System with a tunnel opening of 150 cm x 170.2 cm. The XIS-1517 200kV is especially designed for screening crates, cargo and pallet sized objects at all security sites, including airports and customs locations.



With a low conveyor height of just 38.3 cm above floor level, loading and unloading of heavy freight is simple. With a 200kV generator, the XIS-1517 200kV boasts superior penetration.

This heavy duty x ray system consistently delivers high quality imaging and outstanding performance. The XIS-1517 200kV is your solution to advanced cargoscreening.

\*Also available with a generator output of 180kV or 320kV.

### **General Specifications XIS-1517 200kV**

- **Tunnel Size (W x H):** 150 cm x 170.2 cm
- **Dimensions (L x W x H):** 670.3 cm x 259.1 cm x 225 cm
- **X-ray Generator:** 200kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-100XDV-MD - Astrophysics**

Designed for high-threat security, the modular XIS-100XDV MD is a dual view X-Ray Inspection System with a generous tunnel size of 101.0 cm x 101.5 cm. Based on our standard XIS-100XDV, the MD (modular design) version is built in separate modules, each with their own set of casters to allow for easy installation and integration into facilities where space may be an issue.



Boasting two x-ray generators, the XIS-100XDV MD produces two screening perspectives and allows operators to manipulate each independently, thus enhancing the operator's ability to identify potential security threats with increased accuracy and speed. The XIS-100XDV MD is the ultimate solution for large object screening at inspection sites requiring heightened security protection.

### **General Specifications XIS-100XDV-MD**

- Tunnel Size (W x H): 101.0 cm x 101.5 cm
- Dimensions (L x W x H): 380.7 cm x 165.4 cm x 182.2 cm
- X-ray Generator: Dual 180kV, Operating at 165kV

← [Back to partner](#)



## Détection de sécurité › Inspection aux rayons X

# XIS-100XDV - Astrophysics

Designed for high-threat security, the XIS-100XDV is a dual view X-Ray Inspection System with a generous tunnel size of 101.6 x 101.6 cm. The XIS-100XDV is well-suited for airports, military and government sites.



Boasting two x-ray generators, it produces two screening perspectives and allows operators to manipulate each independently. Thus, the XIS-100XDV enhances operator's ability to identify potential security threats with increased accuracy and speed.

Combined with dual view technology and Astrophysics software, the XIS-100XDV dual view x ray is the ultimate solution for large object screening at inspection sites requiring heightened security protection.

### General Specifications XIS-100XDV

- **Tunnel Size (W x H):** 101.6 cm x 101.6 cm
- **Dimensions (L x W x H):** 313.4 cm x 173.4 cm x 195.9 cm
- **X-ray Generator:** Dual 180kV, Operating at 165kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X

# XIS-100XDX - Astrophysics

The XIS-100XDX is the newest Dual View X-Ray Inspection System featuring a tunnel size of 100 x 100 cm (39.4" x 39.4"). The XIS-100XDX dual view x ray combines dual view technology with a low conveyor height of just 30 cm (12") for optimal heavy object screening.



Dual View technology utilizes two generators, creating two image perspectives. Coupled with 6 Color Imaging, dual view technology enables operators to increase image manipulation and object recognition.

The XIS-100XDX's low conveyor design and dual view detection enable operators to quickly scan heavy objects without any loss in threat detection accuracy.

### General Specifications XIS-100XDX

- **Tunnel Size (W x H):** 100 cm x 100 cm/ 39.4" x 39.4"
- **Dimensions (L x W x H):** 312 cm x 183.2 cm x 188.6 cm/ 123" x 72.1" x 74.2"
- **X-ray Generator:** Dual 180kV, Operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-1818DV 320kV - Astrophysics

The XIS-1818DV 320kV is an advanced X-Ray Inspection System with a tunnel opening of 181 cm x 180.7 cm. The XIS-1818DV 320kV utilizes both dual view technology and high powered generators for improved image screening and increased penetration.



This advanced x ray inspection system was specifically designed for in-depth screening clarity of customs and military cargo. The XIS-1818DV 320kV has a low conveyor height of just 34.4 cm and can support 3000 kg of cargo without compromising throughput speed, adding to the efficiency and security of any facility or transport hub. The XIS-1818DV 320kV is a quality XIS unit that offers the most cutting edge technology in cargo security.

### General Specifications XIS-1818DV 320kV

- **Tunnel Size (W x H):** 181 cm x 180.7 cm
- **Dimensions (L x W x H):** 1116.4 cm x 310.5 cm x 314.3 cm
- **X-ray Generator:** Dual 320kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-100XD - Astrophysics

The XIS-100XD is a redesigned 100X with a tunnel size of 100 x 100 cm. With a repositioned 180kV generator, the XIS-100XD has a low conveyor height of just 30 cm, enabling heavy objects to be easily loaded on and off the conveyor.



Due to its easy loading design, the XIS-100XD heavy parcel inspector has found placement at airports, courthouses, customs facilities and hotels, but is ideal for all heavy parcel inspection.

The XIS-100XD is the epitome of technological innovation for its increased convenience and efficiency. It offers optimized technology, large tunnel dimensions and minimum inspection time.

### General Specifications XIS-100XD

- **Tunnel Size (W x H):** 100 cm x 100 cm
- **Dimensions (L x W x H):** 236.7 cm x 127.5 cm x 190.9 cm
- **X-ray Generator:** 180kV, Operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-100X - Astrophysics

The XIS-100X is a versatile X-Ray Inspection System with a tunnel size of 101.6 x 101.3 cm. The XIS-100X is designed for screening oversized luggage, large parcels and small cargo.



One of the most desired systems in the XIS Series, it is a flexible, mid-sized system that offers diverse screening capabilities. The XIS-100X x ray inspection system retains high throughput while providing a bigger tunnel size for larger scale object screening. Thus, the system offers improved efficiency for medium sized screening needs.

Ultimately, the XIS-100X is the cost effective screening solution for airports, customs facilities, and high security sites.

### General Specifications XIS-100X

- **Tunnel Size (W x H):** 101.6 cm x 101.3 cm
- **Dimensions (L x W x H):** 277.5 cm x 137.2 cm x 191.9 cm
- **X-ray Generator:** 180kV, Operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-1818DV 200kV - Astrophysics

The XIS-1818DV 200kV is a high capacity X-Ray Inspection System with extended tunnel dimensions 180.3 cm x 180.5 cm. The XIS-1818DV 200kV utilizes dual 200kV sources to generate two independent perspectives for large cargo and pallet inspection at airports and seaports.



Featuring a heavy duty roller bed and rugged construction, the XIS-1818 can support 3000 kg. The XIS-1818 200kV high capacity x ray inspection system consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1818 200kV is the quality system for your large scale screening needs. \*Also available with a generator output of 180kV or 320kV.

### General Specifications XIS-1818DV 200kV

- **Tunnel Size (W x H):** 180.3 cm x 180.5 cm
- **Dimensions (L x W x H):** 853.1 cm x 289.6 cm x 316.6 cm
- **X-ray Generator:** Dual 200kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-1818 320kV - Astrophysics**

The XIS-1818 320kV is a high performance X-Ray Inspection System with tunnel dimensions 181 cm x 180.7 cm. The XIS-1818 320kV is primarily designed for military, government and cargo use for advanced high security screening.



With the addition of the high powered 320 kV generator, the XIS-1818 320kV high performance x ray inspection system delivers advanced penetration for improved object recognition with increased clarity and unprecedented image quality.

With a low conveyor height and heavy duty roller bed, the XIS-1818 320kV provides optimized large scale screening with unmatched penetration for precision accuracy.

### **General Specifications XIS-1818 320kV**

- **Tunnel Size (W x H):** 181 cm x 180.7 cm
- **Dimensions (L x W x H):** 995.8 cm x 310.5 cm x 240 cm
- **X-ray Generator:** 320kV

← **Back to partner**



**Détection de sécurité > Inspection aux rayons X**

## **XIS-1080D - Astrophysics**

The XIS-1080D is an advanced X-Ray Inspection System that offers tunnel dimensions of 101 x 80 cm. Significantly, with a low conveyor height of just 30 cm, it facilitates fast loading and is well suited for heavy object screening.



With a redesigned XIS-1080 frame, the XIS-1080D embodies efficiency and ease of use for operators. The XIS-1080D boasts reliability and increased throughput rate due to its convenient conveyor height.

Moreover, the XIS-1080D x ray inspection system is the smallest of the XIS Series for medium capacity screening and is ideally suited for locales with high congestion, limited system space and heavy object screening.

### **General Specifications XIS-1080D**

- **Tunnel Size (W x H):** 101 cm x 80 cm
- **Dimensions (L x W x H):** 236.6 cm x 127.5 cm x 171.7 cm
- **X-ray Generator:** 180kV, Operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-1080 - Astrophysics

The XIS-1080 is a mid-size X-Ray Inspection System with a tunnel opening of 101.6 x 81.4 cm. The XIS-1080 is designed for screening standard and oversized baggage, dolly-sized crates and larger scale objects.



The XIS-1080 is the ideal system to screen larger capacity objects while also retaining a limited system size. With a heavy duty conveyor belt, the system can support an unprecedented weight of 200 kg (440 lbs) at any given time, thus allowing for heavier object screening.

Ultimately, the XIS-1080 x ray inspection system is your secure screening solution for high-congestion sites with limited space, and crucial mid-sized screening needs.

### General Specifications XIS-1080

- **Tunnel Size (W x H):** 101.6 cm x 81.4 cm
- **Dimensions (L x W x H):** 257.4 cm x 137.2 cm x 170.6 cm
- **X-ray Generator:** 180kV, Operating at 165kV

← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-7858 - Astrophysics

The XIS-7858 is a uniquely engineered X-Ray Inspection System with a tunnel size of 78 x 58.3 cm. The XIS-7858 is designed to provide maximum object screening with a minimized system profile. The XIS-7858 is well-suited for hotels, corporate sites, government offices, mailrooms, and airports.



The XIS-7858 is the largest XIS Series system for small parcel capacity. The XIS-7858 features a standard 180kV generator for heightened penetration and enhanced object recognition.

The XIS-7858 small parcel screening x ray is the ideal screening solution for any location in need of increased screening dimensions within a consolidated space.

### General Specifications XIS-7858

- **tunnel size (W x H):** 78 cm x 58.3 cm
- **dimensions (L x W x H):** 188 cm x 103 cm x 139.4 cm
- **X-ray generator:** 180kV, operating at 165kV



## XIS-7555R - Astrophysics

The new XIS-7555R is Astrophysics' exclusive ruggedized, self-contained system. Designed and tested specially for outdoor use, there is no other system like it. The frame is completely made of stainless steel, powder coated with a special anti-corrosion formula and bulb-sealed to be water-resistant, making the XIS-7555R deployable anywhere. It is an ideal security screening solution for maritime environments, deserts, and other harsh outdoor conditions.



With a tunnel size of 75.6 cm x 55.2 cm, the XIS-7555R is designed to provide maximum object screening with a minimized system profile. The XIS-7555R features a standard 180kV generator for heightened penetration and enhanced object recognition.

The XIS-7555R is transportable and equipped with shock absorbing pads to endure rough surfaces. It has been tested in our lab for extreme temperatures and situations. From sandstorms to torrential storms, the XIS-7555R is engineered to last and provide screening under the most rigid extremes.

### General Specifications XIS-7555R

- **tunnel size (W x H):** 75.6 cm x 55.2 cm
- **dimensions (L x W x H):** 189.7 cm x 106.3 cm x 164.3 cm
- **X-ray generator:** 180kV, operating at 165kV

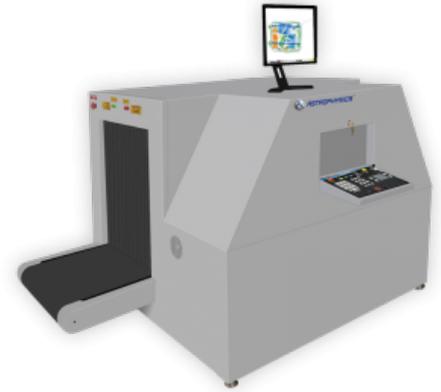
← [Back to partner](#)



Détection de sécurité > Inspection aux rayons X

## XIS-5878 - Astrophysics

The XIS-5878 X-Ray Inspection System has tunnel dimensions of 58.4 x 78.3 cm. It features a low conveyor height of 30 cm to expedite the loading and unloading of screening objects. The XIS-5878 is well suited for airports, government facilities, and sites with heavy inspection parcels.



The XIS-5878 x ray inspection system has unmatched efficiency in a compact frame. It supports 165 kg (360 lbs) and includes a standard 180kV generator for increased penetration capabilities.

With a convenient conveyor height and high performance technology, the XIS-5878 is ideal for security sites where screening of wheeled or heavy objects is required.

### General Specifications XIS-5878

- **tunnel Size (W x H):** 58.4 cm x 78.3 cm
- **dimensions (L x W x H):** 252.4 cm x 137.1 cm x 126 cm
- **X-ray generator:** 180kV, operating at 165kV

← **Back to partner**



## Détection de sécurité > Inspection aux rayons X **XIS-6545DV - Astrophysics**

Le XIS-6545DV est un système d'inspection à rayons X à double vue avec des dimensions de tunnel de 65 x 45 cm. Conçu pour les environnements de sécurité à haut risque, le XIS-6545DV est idéal pour les aéroports, les gouvernements, les installations, les ports, les hôpitaux et les banques.



Le XIS-6545DV est doté de deux générateurs de rayons X pour créer deux perspectives d'image différentes qui peuvent être manipulées indépendamment. En utilisant la double vue Grâce à la technologie, aux côtés de l'imagerie 6 couleurs et de la mesure du nombre atomique Z, le XIS-6545DV permet une identification des menaces sans précédent.

En fin de compte, le rayon X à double vue XIS-6545DV maximise le débit et améliore la détection dans les endroits où l'efficacité du temps et le contrôle de haute sécurité sont cruciaux.

### **Spécifications générales XIS-6545DV**

**taille du tunnel (L x H) :** 65 cm x 45 cm

**dimensions (L x l x H) :** 213 cm x 106,4 cm x 129 cm

**Générateur de rayons X :** Double 180 kV, fonctionnant à 165 kV

Vous recherchez une solution à votre problème de sécurité ?

← Back to partner



Détection de sécurité > Inspection aux rayons X

## XIS-6040 VI-3D small parcel scanner(Semi-3D)

Le scanner de petits colis XIS-6040 VI-3D est doté d'un écran qui pivote sur trois vues, chacune depuis un point de vue différent. Avec une expérience de vue 3D unique, ce modèle améliore la perception de la profondeur de l'opérateur et la visibilité des objets pour éliminer les angles morts.

La machine dispose d'une ouverture de tunnel de 62,1 cm x 42 cm (23,63" x 16,54") et d'un générateur de 180 kV, c'est donc un système compact et puissant. Il est idéal pour filtrer les colis de petite à moyenne taille.

Ce système de contrôle astrophysique est utile dans plusieurs domaines, tels que les transports, les ports et frontières et les infrastructures critiques.

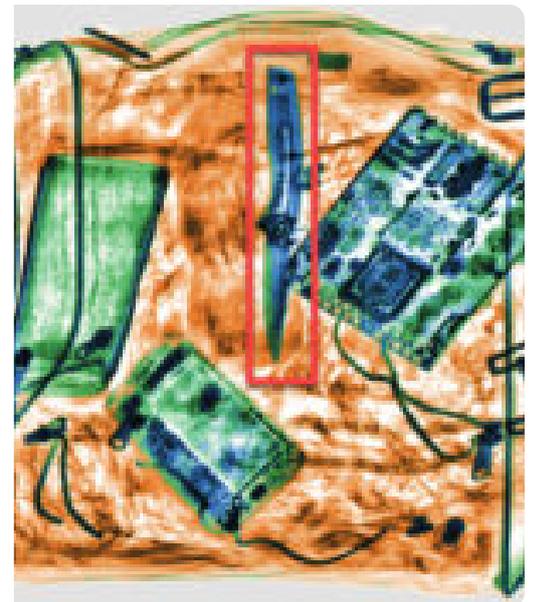


Cette machine présente des accents en acier inoxydable qui accentuent la technologie 6040 VI-3D. Il offre également une grande image de haute qualité pour une détection améliorée des menaces avec un moniteur couleur LCD de 24 pouces. Grâce à l'imagerie (semi) 3D, il réduit les angles morts.

### CARACTÉRISTIQUES DU SCANNER DE PETITS COLIS XIS-6040 VI-3D

- Accents de cadre en acier inoxydable
- Moniteur LCD haute définition
- Processeur Intel iCore 7
- Système d'exploitation Windows 7
- Affiche les images « basculant » trois vues
- Imagerie 6 couleurs
- Comptoir bagages
- Choix entre une imagerie couleur ou noir et blanc
- Roulettes robustes
- Réduit les angles morts

Si vous souhaitez en savoir plus sur les systèmes de dépistage en astrophysique, lisez cet article de PEO ou cliquez ici !



← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-1819 200kV - Astrophysics**

The XIS-1819 200kV is a high capacity X-Ray Inspection System with extended tunnel of 180.3 cm x 190 cm. The XIS-1819 200kV is designed for large cargo and pallet inspection at airports and seaports, but is ideal for any location where large scale security screening is required.



Featuring a heavy duty roller bed and rugged construction, the XIS-1819 200kV can support 2000 kg. It consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1819 200kV advanced x ray inspection machine is the quality system for your large scale screening needs.

### **General Specifications XIS-1819 200kV**

- **Tunnel Size (W x H):** 180.3 cm x 190 cm
- **Dimensions (L x W x H):** 765.4 cm x 332.1 cm x 233 cm
- **X-ray Generator:** 200kV

← [Back to partner](#)



## Détection de sécurité > Inspection aux rayons X **XIS-1818 200kV - Astrophysics**

The XIS-1818 200kV is a high capacity X-Ray Inspection System with extended tunnel dimensions 180.3 cm x 180.5 cm. The XIS-1818 is designed for large cargo and pallet inspection at airports and seaports, but is ideal for any location where large scale security screening is required.



Featuring a heavy duty roller bed and rugged construction, the XIS-1818 200kV can support 2000 kg. The XIS-1818 200kV consistently delivers outstanding performance and retains a high throughput value.

Matched with Astrophysics exclusive software and superior technology, the XIS-1818 200kV is the quality system for your large scale screening needs. \*Also available with a generator output of 180kV or 320kV.

### **General Specifications XIS-1818 200kV**

- **Tunnel Size (W x H):** 180.3 cm x 180.5 cm
- **Dimensions (L x W x H):** 670.3 cm x 289.5 cm x 235.2 cm
- **X-ray Generator:** 200kV



Détection de sécurité > Inspection aux rayons X

## HXC-320 - Astrophysics

Le scanner de véhicule Astrophysics HXC-320 est spécialement conçu pour scanner les voitures et les véhicules à moteur d'une hauteur de 2,7 mètres et d'une largeur de 2,6 mètres. Le HXC-320 scanne les véhicules pour identifier les produits de contrebande cachés, tels que les marchandises de contrebande, les explosifs, les stupéfiants et les armes. Le HXC-320 dispose d'un générateur de rayons X de 320 kV qui permet au scanner de voiture de fonctionner comme un portail de passage, sans qu'il soit nécessaire de décharger les conducteurs et les passagers. Son processus simple, son fonctionnement automatisé et son débit élevé réduisent le besoin d'inspection manuelle et les sites connaissant un trafic élevé connaîtront des arriérés et des retards réduits.



Le HXC-320 est une solution efficace et personnalisable pour la protection et l'inspection des emplacements d'infrastructures critiques tels que les installations gouvernementales, les points de contrôle militaires, les événements sportifs et les frontières terrestres et maritimes. Plusieurs options d'installation sont disponibles : une installation enterrée éliminant le besoin d'une rampe et un système de convoyeur pour les véhicules sans pilote si une opération de passage est préférée.



## HXP - Astrophysics

Des marchandises sont importées et exportées chaque jour dans le monde entier. Afin de protéger nos ports, aéroports et postes frontaliers contre les menaces, les entités gouvernementales doivent être en mesure de fouiller rapidement les camions et les conteneurs sans retarder le commerce.



L'astrophysique a pour mission d'aider les agences telles que les patrouilles frontalières, les douanes et la police à détecter la contrebande, les armes, les explosifs, les articles commerciaux frauduleux et d'autres menaces à la sécurité. Notre HXP est utilisé pour inspecter les camions, les conteneurs et les véhicules pour détecter ces menaces ainsi que pour la vérification des manifestes. Grâce à un processus de passage facile, à un fonctionnement automatisé et à un débit élevé, le besoin d'inspection manuelle est réduit et les sites d'inspection de gros volumes de marchandises ne seront pas en retrait.

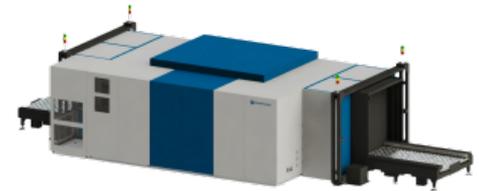
Le HXP permet aux conducteurs de rester en toute sécurité dans la cabine de leur camion, car le processus de numérisation ne démarre qu'une fois que le conducteur a dépassé le point d'émission des rayons X. La procédure de numérisation automatisée offre simplicité et rapidité, permettant au personnel de se concentrer sur d'autres tâches importantes, augmentant ainsi la productivité.

Bien qu'il existe d'autres solutions d'inspection de marchandises et de véhicules, telles qu'un portique ou un scanner mobile, le scanner à portail à rayons X haute énergie présente le coût de possession le plus faible, une maintenance facile et un débit le plus élevé parmi plusieurs autres avantages majeurs.



# Multi-View CT System: MVCT Cargo and Pallet Inspection Scanner

The Astrophysics Multi-View CT (MVCT) is a unique, breakthrough solution for screening medium-to-high density cargo. By combining two complementary techniques, radiography and tomography, this high-powered system allows freight forwarders, airlines, and government agencies to perform rapid and effective cargo inspections.



**The MVCT is a disruptive technology offering a significant advance in cargo inspection and security screening.**

## Features & Benefits

- **450kV Generator:** A potent X-ray source provides high penetration and contrast screening of dense cargo.
- **Multiple-View Mode:** The MVCT provides 7 X-ray views after each pass through the scan tunnel. Scanning only 1 pass (7 images) can process 60 pallets per hour. Optional multi-pass scanning can provide up to 35 images per pallet, giving a rotational image of 225°.
- **Computed Tomography (CT) Mode:** To inspect complex, cluttered, and even non-homogeneous cargo, the MVCT can combine data from up to 5 multi-view passes to reconstruct a 3D CT image for review. Operators can rotate the image a full 360° to view the entire pallet, or select and view individual slices in <1 cm increments on the coronal (front-to-back), axial (top-to-bottom), and sagittal (left-to-right) planes. CT screening can process 20 pallets per hour.
- **Unparalleled Image Quality:** The clarity of the radiographic and tomographic images allows operators to identify threats in any location within the cargo. Advanced imaging software enables operators to rotate the cargo on-screen (in 3D) and apply additional filters to maximize screening results.
- **Compelling Return on Investment:** High-quality images lead to fewer false alarms and reduce the need for break-bulk screening. This in turn reduces labor costs and increases productivity, generating a significant return on investment within the first year.

## General specifications:

- tunnel Size: 125.7 cm x 170.2 cm (W x H);
- system Dimensions: 1260 cm x 453 cm x 296 cm (L x W x H);
- max Cargo Dimensions: 121.9 cm x 121.9 cm x 165.1 cm (L x W x H);
- net Weight: 32,500 kg estimated (71,650 lbs);
- roller Bed Speed: 0.2 m/s (0.66 ft/s);
- roller Bed Capacity: 1600 kg (3527 lbs) Pallet;
- scan Duration (1 pass): 25 seconds;
- scan Duration (4 passes): 150 seconds;

- throughput (1 pass): Typical 60 pallets/hour;
- throughput (4 passes): Typical 20 pallets/hour.

**Generator:**

- voltage: 450kV;
- current, Power: 4.0 mA, 1.8kW;
- cooling: Oil cooling;
- beam Direction: Horizontal side-shooter, split into angled fan beams;
- detectors: 7 x 2432 Channels in L-Shaped Arrays. Would you like to view the complete specifications? Fill in the form below and download the datasheet![!JTVCZW1haWwtZG93bmxvYWQIMjBkb3dubG9hZF9pZCUzRCUyMjlzODg2JTlyJTlwY29udGFjdF9mb3JtX2lkJTNEJTlyMzc3OSUyMiU1RA==](https://www.oxford-instruments.com/accelerators/peo-detection)



## Partner **Logos Imaging**



Logos Imaging est un fabricant américain spécialisé dans les systèmes de radiographie numérique (DR) portables adaptés aux applications de sécurité. Ses solutions sont conçues pour fournir une imagerie rapide et haute résolution sur le terrain, prenant en charge des opérations critiques telles que la détection et l'inspection des menaces.

### Product offering

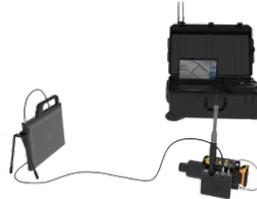
**MÓNOS Flat Panel System - Logos Imaging**



**ORAMA II Flat Panel System**



**NEOS III Flat Panel System**



**PRÓTOS Flat Panel System - Logos Imaging**





## MÓNOS Flat Panel System - Logos Imaging

Le système MÓNOS est un système d'imagerie polyvalent, grand format et haute résolution qui offre aux utilisateurs un système idéal pour plusieurs types d'opérations. Le panneau MÓNOS comprend une connexion sans fil intégrée avec une portée de 50 m et une batterie interne lorsqu'un système léger et extrêmement portable est requis. L'ajout de l'interface ASÝRMATOS II permet aux utilisateurs de prolonger la durée de vie de la batterie et d'augmenter la portée sans fil (jusqu'à 400 m de visibilité directe). Le panneau MÓNOS a une bordure inférieure de 8 mm, une épaisseur de 18 mm et est évalué jusqu'à 330 kV.



### Caractéristiques du système à écran plat MÓNOS

- Type de détecteur : Silicium amorphe avec TFT
- Zone du détecteur : 423 x 358 mm
- Résolution en pixels : 3 328 x 2 816 pixels
- Pas de pixel : 127 µm
- Résolution limite : 3,9 lp/mm
- Profondeur de pixels : 16 bits
- Dimensions (panneau uniquement) : 475 x 400 x 18 mm, 5,3 kg
- Température de fonctionnement
  - Filaire : -20 à 50 C
  - Sans fil : 0 à 40 C



## Détection de sécurité > Inspection aux rayons X

# ORAMA II Flat Panel System

Le système ORAMA II n'est pas seulement le système DR le plus populaire proposé par Logos, il est également le plus robuste. Avec un indice IP64 et un test de chute de 1 m, l'ORAMA II est la solution idéale pour une utilisation sur le terrain. Ce système offre une zone d'image de 14" x 17", une bordure inférieure de 8 mm et est blindé pour des sources jusqu'à 330 kV. Couplé à l'interface ASÝRMATOS II, l'ORAMA II offre aux utilisateurs une ligne de fonctionnement sans fil de 400 m. Lorsqu'il est utilisé conjointement avec un Golden Engineering XRS3, le système offre une pénétration de plus de 60 mm dans l'acier ainsi qu'une détection organique (module CHRÓMA en option requis pour la détection organique).



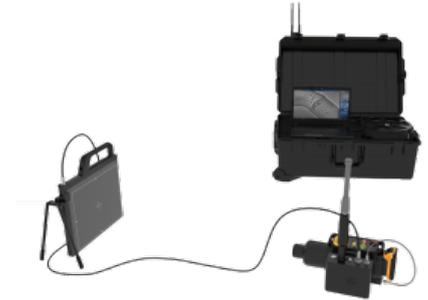
## Caractéristiques du système à écran plat ORAMA II

- Type de détecteur : Silicium amorphe avec TFT
- Zone du détecteur : 423 x 358 mm
- Résolution en pixels : 3 328 x 2 816 pixels
- Pas de pixel : 127 µm
- Résolution limite : 3,9 lp/mm
- Profondeur de pixels : 16 bits
- Dimensions (panneau uniquement) : 475 x 400 x 18 mm, 5,3 kg
- Température de fonctionnement : -20 à 50 C



## Détection de sécurité > Inspection aux rayons X **NEOS III Flat Panel System**

Idéalement adapté aux opérations à pied, le système entièrement sans fil NEOS III dans une configuration sac à dos pèse moins de 22 lb (10 kg). Avec une batterie intégrée et une communication sans fil interne, le NEOS III est parfait pour les utilisateurs qui souhaitent évaluer rapidement un élément. Pesant 3,3 kg et seulement 18 mm d'épaisseur, le NEOS III peut être facilement transporté sur la cible avec un minimum d'effort. Le NEOS III produit des images 16 bits haute résolution et est protégé contre des sources jusqu'à 330 kV. Les utilisateurs ont également la possibilité d'utiliser l'interface ASÝRMATOS II pour augmenter la portée sans fil et la durée de fonctionnement.



### **Caractéristiques du système à écran plat NEOS III**

- Type de détecteur : Silicium amorphe avec TFT
- Zone du détecteur : 325 x 260 mm
- Résolution en pixels : 2 560 x 2 048 pixels
- Pas de pixel : 127 µm
- Résolution limite : 3,9 lp/mm
- Profondeur de pixels : 16 bits
- Dimensions (panneau uniquement) : 385 x 320 x 18 mm, 3,3 kg
- Température de fonctionnement :

Filaire : -20 à 50 C

Sans fil : 0 à 40 C



## PRÓTOS Flat Panel System - Logos Imaging

Le système PRÓTOS de Logos Imaging, avec l'imageur à écran plat PRÓTOS sans verre, est notre tout nouveau système d'imagerie DR ultra-portable. Le panneau PRÓTOS avec une imagerie proche du niveau du sol et une clarté d'image de 16 bits le rend idéal pour les opérations où l'espace est limité. Avec seulement 2,2 lb et 0,5" d'épaisseur, il s'agit de l'imageur le plus petit et le plus léger proposé par Logos Imaging. Le PRÓTOS polyvalent se glisse dans un sac à dos personnalisé pour un déploiement facile par un seul opérateur.



### Caractéristiques du système d'écran plat PRÓTOS

- pèse moins de 7 kg !
- type de détecteur : Silicium amorphe avec TFT
- zone de détection : 213 x 160 mm
- résolution en pixels : 1024 x 768 pixels
- pas de pixel : 208 µm
- scintillateur : gadox
- profondeur de pixels : 16 bits
- dimensions (panneau uniquement) : 273 x 187 x 13 mm, 1,0 kg
- portée de communication : filaire 50 m, sans fil 50 m

# WTMD



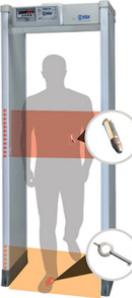
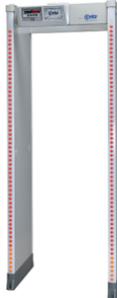
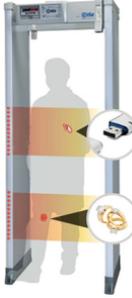


## Partner **CEIA**



CEIA est un leader mondial des technologies de contrôle de sécurité, spécialisé dans les détecteurs de traces d'explosifs (ETD), les détecteurs de métaux portables et les portiques de détection de métaux (WTMD). Ses solutions sont conçues pour offrir une détection des menaces haute performance dans un large éventail d'environnements de sécurité.

### Product offering

<p><b>SMD® 600 Plus-MI2</b></p> 	<p><b>SMD® 601 Plus</b></p> 	<p><b>PMD2 Plus</b></p> 	<p><b>PMD2 Plus Elliptic®</b></p> 
<p><b>PMD2 Plus/EZHD</b></p> 	<p><b>SMD® 601 Plus Loss Prevention</b></p> 	<p><b>Classic Metal Detector</b></p> 	<p><b>CEIA SMD 600 plus</b></p> 
<p><b>MSD Magnetic Static Detector - CEIA</b></p> 	<p><b>HI-PE Plus Multi-Zone Metal Detector - CEIA</b></p> 		



## Détection de sécurité > WTMD

# SMD® 600 Plus-MI2

### Combined Ferromagnetic and active Metal Detector

The SMD® 600 Plus - MI2™ is optimized for the screening of people in applications where simultaneous detection of all metal (magnetic and non-magnetic) firearms and cellphone/smartphone devices, including the most miniaturized, low metal content versions, is required along with high-throughput and a low nuisance alarm rate.

### Very High Performance Enhanced Walk-Through Metal Detector

- Detection of all-metal weapons, including light alloys threats
- High-Throughput
- Multizone red signaling

### Cell phones detector

- Detection of standard and miniaturized cell phones and smartphones
- Detection of magnetized items
- Multizone yellow signaling

### Applications

- Correctional facilities
- Data-sensitive meeting rooms
- Access restrictions enforcement of weapons, cell phones and smartphones
- Loss prevention of electronics devices
- Corporate anti-espionage

The new SMD® 600 PLUS - MI2™ combines:

- The well renowned weapons detection and personal metallic objects discrimination performances of the CEIA SMD® 600 Plus, 288-channel, NIJ0601.02 fully compliant Walk-Through Metal Detector (WTMD).
- The cellphone/smartphone detection and discrimination capabilities of the new CEIA MSD EVO™, state-of-the-art magnetostatic 18-axes detector that provides unparalleled detection uniformity and immunity against interferences.

On its own, the CEIA SMD® 600 Plus WTMD is already a complete and efficient solution for the high-sensitivity detection of any metal weapon and any cellphone/smartphone in applications, such as the correctional facilities, where the inmates to be inspected are metal free or almost metal-free.





## Détection de sécurité > WTMD

# SMD® 601 Plus

The SMD® 601 Plus is a very high sensitive Walk-Through Metal Detector. A full-height light bar displays the location of the detected metal masses in transit. This results in rapid identification of threats and a reduction or elimination of the need for manual searches. SMD® 601 Plus detects even the smallest metal items anywhere on or in the body.

### Fully compliant with the NIJ-0601.02 and NIJ-0601.03 standards

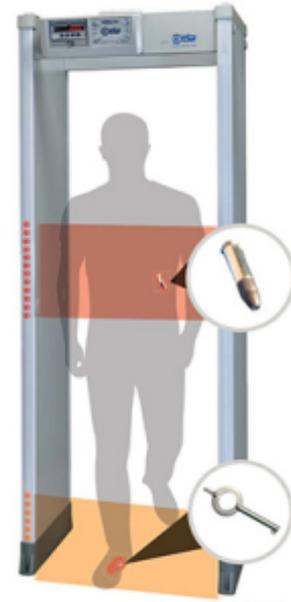
The SMD® 601 Plus further extends the detection sensitivity of the previous SMD® 601 to metal threats before considered undetectable due to their minimal dimensions and metal composition similar to the ones specified in the new NIJ-0601.03 Standard.

### Accurate detection of all metallic threat items

- Very accurate pinpointing of individual and multiple metal targets
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Built-in programs to screen visitors and staff for weapons and contraband

### New certified ip66 control unit enclosure

- Total compatibility with previous control units
- Robust structure through the use of high-performance polymers for the construction of housing
- Waterproof / Dustproof: IP66 compliant (IEC 60529)
- Exceptional impact resistance at low and high temperatures and resistance to corrosion from atmospheric agents
- Display made with specific polymer to improve the visibility of the LEDs by increasing the definition and clarity



← **Back to partner**



**Détection de sécurité > WTMD**

## **PMD2 Plus**

Strict requirements and detection needs call for security checkpoints to perform efficiently even under very challenging conditions. The PMD2 Plus detects firearms and knives, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition.

### **Most powerful and versatile security features**

Up to 50 built-in Security Programs:

- Up to 30 International Standards
- Up to 20 Customizable Levels

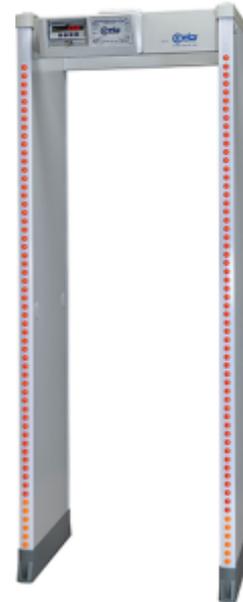
Setting the Security Levels could not be easier and more versatile than in the PMD2 Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection).

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.



← [Back to partner](#)



## Détection de sécurité > WTMD **PMD2 Plus Elliptic®**

This is a zonal model featuring modern, elegant lines, and can be inserted into the most prestigious surroundings with the minimum visual impact. Easy to assemble and transport, the PMD2 Plus Elliptic® is also recommended for portable use in temporary or itinerant installations. The technology employed allows high discrimination to be achieved even at stringent security levels.

### **Most powerful and versatile security features**

Up to 50 built-in Security Programs:

- Up to 30 International Standards
- Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the PMD2 Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection).

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.





## Détection de sécurité > WTMD

# PMD2 Plus/EZHD

Strict requirements and detection needs call for security checkpoints to perform efficiently even under very challenging conditions. The PMD2 Plus/EZHD detects firearms and knives, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition. The PMD2 Plus/EZHD has a very low nuisance alarm rate even at the strictest Security Standards requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

### Detection of all metallic threat items

- Capability to detect the full range of metal weapon threats even within body cavities
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Guaranteed coverage for all orientations and locations, never in need of calibration
- Met-Identity technology for Identification of Threat Composition

### High discrimination & throughput

- Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow
- No need to remove items such as belts, coins, keys, jewelry, watches, wallets, etc.
- Better Discrimination = Shorter Lines and Less Staffing



← Back to partner



Détection de sécurité > WTMD

## SMD® 601 Plus Loss Prevention

The SMD® 601 Plus Loss Prevention Metal Detector prevents the theft or accidental removal of metallic objects. As people transit the system, their metal content is compared to a saved personal profile.

### **Quick, accurate analysis of all parts of the body of people in transit**

The superior uniformity of the electromagnetic field of the SMD® 601 Plus Metal Detector provides very consistent metal detection readings on every transit.

This ground-breaking capability allows for individual creation of personal metallic signatures or metallic “profiles”.

### **True metal content profile for the person being screened**

These profiles can be taken while the individual may be wearing non-removable items, like dental works, medical implants, wedding rings and piercings, and are stored in the SMD® 601 Plus embedded data base.

These personal profiles are used as a reference for every transit carried out by an individual, allowing detection of small targets while ignoring non-removable personal objects.





Détection de sécurité > WTMD

## Classic Metal Detector

The column construction, both attractive and compact, allows it to be inserted with ease into public environments such as, for example, schools and discotheques.

The Classic Metal Detector has an extremely competitive price/performance ratio.

**The Classic is a Walk Through Metal Detector designed and engineered to meet the specific security needs of public facilities** such as schools, hotels, amusement parks and city halls.

The Classic Metal Detector combines the required Security with a high level of operating efficiency. The leading edge technology features a **high flow rate of people through the gate with the minimum number of nuisance alarms**, as personal effects such as coins, keys and belt buckles can pass through the magnetic field without causing an alarm.

The Classic Metal Detector is **compact and lightweight**, making this portable unit adaptable to any surroundings. The patented cylinder design is aesthetically suitable for the most discrete applications.

This security equipment does not require any special training for normal use, making this **the most user friendly Walk Through Metal Detector in the industry**.

CEIA Metal Detectors have been selected by the leading security agencies worldwide to protect highranking government officials and schools. The Classic **conforms to all International Security Standards** and is capable of detecting both magnetic and non-magnetic weapons.

When security, operating efficiency and affordable pricing are required, the CEIA Classic Metal Detector is the obvious solution.





## CEIA SMD 600 plus

### **A high sensitivity Metal Detector that offers characteristics of high discrimination and high detection uniformity.**

The SMD 600 plus realizes a quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar. This metal detector accurately pinpoints individual and multiple metal targets with built-in programs to screen visitors and staff for weapons and contraband.



CEIA's cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow with four multi-zone display bars. Each programmable as entry Stop/Go and/or local alarm indication. It is developed with a flexible acoustic alarm signaling system (10 continuous and pulsed tones, 34 special sounds) and 10 alarm volume levels.

The SMD 600 plus has up to 50 built-in security programs: 30 International Standards, 20 with customizable levels. It has a chip card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc) and security level selection. Any security standard can be enhanced with a selectable random alarm probability.



### **Characteristics**

- Very High Sensitivity
- Excellent discrimination of personal metal effects
- Fully compliant with, and exceeding, the NIJ-0601.02 Standard
- Very high throughput in high security public screening checkpoints
- Exceptional Immunity to external interferences
- High precision bidirectional counter with automatic rescreening compensation



### **Advantages**

- Continuous self diagnostic system
- Proven reliability
- No periodic re-calibration and preventive maintenance required
- No scheduled maintenance
- Fully digital design
- State-of-the-art, robust and washable panels

- Protected against aging, weather and wear
- Ergonomic and robust design
- High visibility alphanumeric display and programming keyboard
- Made of advanced plastics or stainless steel and anti-vandalism construction (option)
- Access to the front panel protected by hardware key and 3 levels of passwords



## MSD Magnetic Static Detector - CEIA

### Highly Portable Cell Phone Detector

The illegal use of cell phones is a growing and dangerous problem in correctional institutions worldwide. These devices are a significant threat to prison security and circumvent the monitoring processes in prisons, while allowing inmates to commit new crimes both inside and outside the facility. The MSD was specifically designed to detect all cell phones and ferrous contraband concealed on the person or in body cavities (including key fob cell phones, smart phones, radio transceivers, etc.) quickly and easily. The one-piece design allows the MSD to be easily transported and operational in 10 seconds.



#### Advantages

##### Video

- detection of magnets and ferromagnetic metals
- carrying case for personal transport and storage
- full-height, 360° detection (horizontal & vertical)
- 5 individual zones for pinpointing locations of contraband on the body
- covert operation through use of BT wireless communication headset
- fully weather proof for outdoor use
- 24 hours typical / 26 hours max. of continuous battery operation with 4.5 hours charge
- one-piece and lightweight design (total weight only 21 lbs with batteries included) easily transportable by one person
- unmatched detection in all environments without adjustment
- extremely durable design using stainless steel and high impact reinforced plastics
- anti-tip suction cups for securing to smooth floor surfaces (included)
- non-emitting device: safe for use for pace-makers and other medical implants
- throughput: 60+ people per minute (based on uninterrupted flow, separately alarms resolution)

[Check](#) the datasheet for specifications

Would you like more information or a demonstration?



## Détection de sécurité > WTMD

# HI-PE Plus Multi-Zone Metal Detector - CEIA

The HI-PE Plus walk-through metal detector provides accurate detection of all metals, high level of discrimination of non-threat items, full compliance with the latest Security Standards and exceptional immunity to external interferences.

The HI-PE Plus has a very low nuisance alarm rate even at the strictest Security Levels requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.



### Accurate detection of all metallic threat items

- Capability to detect the full range of metal weapon threats even within body cavities
- 60 localization zones: 20 vertical; 3 lateral
- Met-Identity technology for Identification of Threat Composition

The most advanced Security Standards require detection of all ferrous and non-ferrous metal weapons and of those constructed in special non-magnetic alloys. The HI-PE Plus detects firearms and knives of this type, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition. Inspection personnel thereby acquire thorough knowledge of the metal item and can act, according to procedures, with maximum effectiveness and security.

### Most powerful and versatile security features

The metal detector has up to 50 built-in Security Programs:

- Up to 30 International Standards
- Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the HI-PE Plus.

Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own program and save it in internal memory for later use.

Chip Card system for fast, simple and secure parameter changes (i.e. alarm volume and tone, counter reading, etc. and security level selection).

One unique characteristic of the CEIA metal detectors is the chip-card system, which allows Security Management to set the Security Level quickly, reliably and without having to program the device in any way.

Any security standard can be enhanced with selectable random alarm probability.

### High discrimination and throughput

- Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow
- No need to remove items such as belts, coins, keys, jewelry, watches, wallets, etc.
- Better Discrimination = Shorter Lines and/or Less Staffing

The transit volume magnetic scanning system, invented by CEIA and applied since production of the first zonal Metal Detectors in 1986, allows state-of-the-art detection and discrimination results.

The HI-PE Plus has a very low nuisance alarm rate even at the strictest Security Standards requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

### **New WTMDs IP66 Control Unit**

- New integrated design
- Total mechanical compatibility with IP20 (plastic) and IP65 (stainless steel) control units:
  - Dimensional
  - Installation
  - Wiring
  - Chip card
- Robust structure through the use of high-performance polymers for the construction of housing
- Waterproof / Dustproof: IP rating IP66 compliant
- Exceptional impact resistance at low and high temperatures and resistance to corrosion from atmospheric agents
- Display made with specific polymer to improve the visibility of the LEDs by increasing the definition and clarity

### **Unique alarm signalling**

- High visibility of the control unit and the zone indication independent from the operator position and the installation environment
- Flexible Acoustic Alarm Signaling System: 10 Continuous and Pulsed Tones; 34 Special Sounds
- 10 Alarm Volume Levels
- Very High Precision Transit Counter

Accurate signaling is essential for best operation and flow management. The detector provides the user with fully-programmable signaling. Both entry-points can indicate with a high level of accuracy, even simultaneously, the vertical and lateral areas of transit of the threats detected, and can also be configured as 'traffic lights' to control transits through the detector.

### **Rapid installation**

- One touch guided automatic installation (OTS)
- Innovative function assisting the installation through an automatic step-by-step procedure
- Continuous self diagnostics assures monitored performance reliability

If you want to read more about this detector, take a look at [our partner's site!](#)



## Partner **3DX-RAY**



3DX-RAY est un fournisseur de premier plan de technologies avancées d'imagerie et de détection par rayons X, spécialisé dans les systèmes de radiographie directe et les détecteurs de métaux Walk-Through Metal Detectors (WTMD) pour les applications de sécurité et d'inspection. Ses solutions sont conçues pour permettre une détection claire et précise des menaces dans un large éventail d'environnements opérationnels.

### Product offering

**AXIS™ Archway**  
**Détecteurs de métaux**

**Walk By Metal**  
**Detector**

← Back to partner



Détection de sécurité > WTMD

# AXIS™ Archway Détecteurs de métaux

## DESCRIPTION DU PRODUIT

Les systèmes d'arceaux AXIS™ sont des détecteurs de métaux de passage avec des zones de détection indépendantes.

Ils fonctionnent bien pour une variété d'applications et sont simples à installer et à utiliser, comme :

- Entrées de bâtiments
- Prisons
- les aéroports
- Lobbies d'hôtels
- Les banques
- Lieux d'événements



## CARACTÉRISTIQUES

- Détecteurs de métaux numériques de passage à haute sensibilité
- Choix de zones de détection
- Analyse rapide des objets métalliques





[← Back to partner](#)



Détection de sécurité > WTMD

# Walk By Metal Detector

## DESCRIPTION DU PRODUIT

Cette option éprouvée est dotée d'une technologie de détection ferromagnétique (FMDS) extrêmement efficace pour détecter les armes, les téléphones portables et les produits de contrebande.

Il est idéal pour les établissements pénitentiaires afin de lutter contre les problèmes de contrebande liés aux lacunes des systèmes de sécurité traditionnels, car il est conçu pour empêcher les objets de contrebande déguisés, petits ou grands, d'échapper à la détection.

Traduit avec DeepL.com (version gratuite)

## CARACTÉRISTIQUES

- Détecteur de métaux